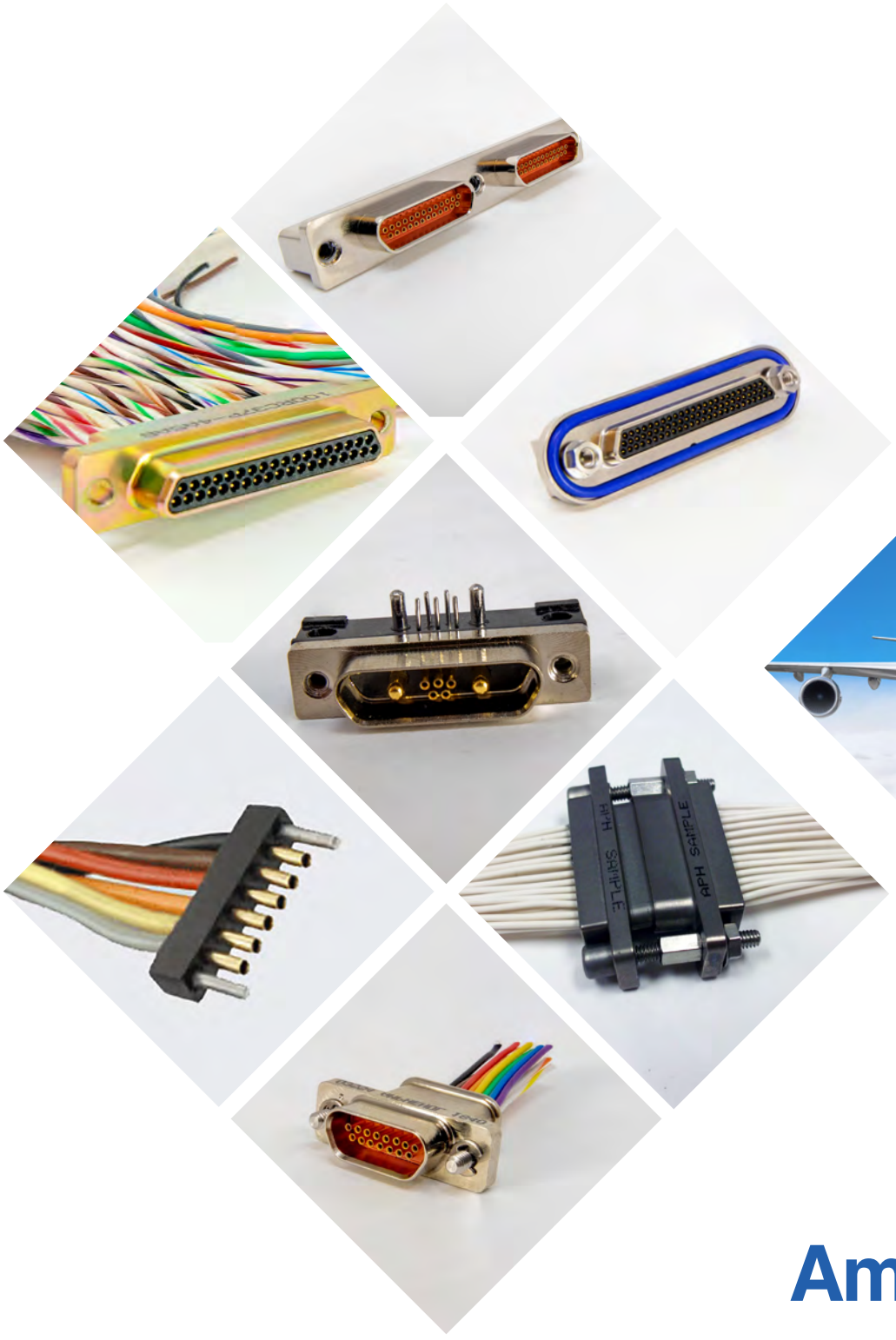
MICRO-D CONNECTORS

ELEVATING SIGNAL INTEGRITY IN AEROSPACE AND MILITARY APPLICATIONS



Engineered Solutions Designed to Fit



Amphenol ACC

Advanced Compact Connectors

Amphenol ACC

Advanced Compact Connectors

For more than 50 years, Amphenol ACC a subsidiary of Amphenol Corporation has been an international leader in the manufacture of Rectangular I/O and EMI Filtered Connectors.

We design, manufacture and test EMI / EMP filter and non-filter connectors, which are used worldwide in military, aerospace, and commercial applications. As part of Amphenol Corporation, we have the advantage of access to technologies and processes of Amphenol's worldwide facilities. Our expertise in understanding and supporting our customers' interconnect needs has earned us a reputation of excellence among the world's leading users of electronic components.

CUSTOMER SERVICE

At Amphenol Canada, customer service is a solid commitment from all our employees. Our product managers, application engineers, product specialists, and sales representatives are able to answer your questions and assist you in choosing the right connectors for your applications.

Whether you need standard or custom designed connectors, our marketing department is your liaison with Amphenol Canada's engineering, quality and manufacturing experts.

QUALITY AND RELIABILITY

Certified to ISO 9001 and AS9100D, Amphenol Canada's broad base of customers and the high levels of technology in which they are involved make it essential that Amphenol's own products are of the highest quality and reliability.

Please contact us for RoHS requirements.

TABLE OF CONTENTS

Wired Connectors

- 100, 102 & 104 Series
- 101 Series
- 105 Series
- MDH series
- 107 Series
- 108 Series
- 115 & 116 Series
- 119 Series
- ClickMate
- M13 Series

PCB Connectors

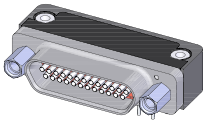
- 100, 102 & 104 Series
- 101 Series
- MDH Series
- 107 Series
- 108 Series
- 110 Series
- Micro C Series
- M13 Series

STANDARD MICRO-D

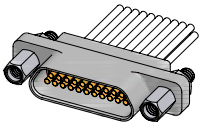
M83513 QUALIFIED
Standard Profile
100, 102 & 104 Series
Page 13



Reversed Standard Profile
110 Series
Page 39



Low Profile
108 Series
Page 45



ENVIRONMENTAL & MATERIAL OPTIONS

M83513 QUALIFIED
Plastic Low Profile
101 Series
Page 57



Stripline
105 Series
Page 67



Sealed Micro-D
107 Series
Page 73

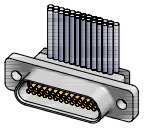


High Temperature Micro-D
MDH Series
Page 95



MECHANICAL & LOCKING TYPES

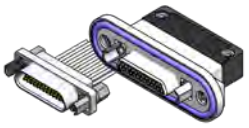
Right Angle Wires
115 & 116 Series
Page 101



Integrated Backshell
119 Series
Page 107



Keyed Hardware
K Series
Page 113



Latching Standard
ClickMate Series
Page 119



BOARD-LEVEL SOLUTIONS

Surface Mount
SMT Series
Page 123



Solderless Surface Mount
Micro C Series
Page 131



FILTERED & EMI SOLUTIONS

Filtered Micro-D
M13 Series
Page 139



Introduction 6
Performance Data 7
Terminology 8
Contact Arrangements 9
Panel Mounting Guide 10
Panel Dimensions 11

STANDARD MICRO-D

M83513 QUALIFIED
Standard Profile — 100, 102, & 104 series 13
Harnessed Connectors 14
Dimensions 17
PCB Connectors 18
CBR | HBR Style 21
BR Style 26
BS Style 29
C6 | H6 & C16 | H16 Style 32

Reversed Standard Profile — 110 series 39
PCB Connectors 40
Reversed CBR Style 41

Low Profile — 108 series 45
Harnessed Connectors 46
Dimensions 48
PCB Connectors 49
CBR Style 50
Reversed CBR Style (118 series) 52

ENVIRONMENTAL & MATERIAL OPTIONS

M83513 QUALIFIED
Plastic Low Profile — 101 series 57
Harnessed Connectors 58
Dimensions 61
PCB Connectors 62
BS Style 63
BR Style 64
CBR Style 65

Stripline Micro-D —105 series 67
Harnessed Connectors 68
Dimensions 70

Sealed Micro-D — 107 series 73
Harnessed Connectors 74
Dimensions 76
PCB Connectors 77
C6 | H6 Style 78
CBR | HBR Style 83
Reversed CBR | HBR Style (117 series) 88

High Temperature Micro-D —MDH series 95
Harnessed Connectors 96
PCB Connectors 98

MECHANICAL & LOCKING TYPES

Right Angle Wires — 115 & 116 series 101
Harnessed Connectors 102
Dimensions 104

Integrated Shell Micro-D — 119 series 107
Harnessed Connectors 108
Dimensions 109

Keyed Hardware Micro-D — K series 113
Harnessed Connectors 114
PCB Connectors 116

ClickMate Series — Latching Standard 119
Harnessed Connectors 120

BOARD-LEVEL SOLUTIONS

Surface Mount Micro-D — SMT series 123
PCB Connectors 124
CE Style 125
HM Style 126
VM Style 127
Terminations Layout 128

Micro C Series — Sordeless Surface Mount 131
PCB Connectors 132
VC Style 134

FILTERED & EMI SOLUTIONS

Filtered Micro-D — M13 series 139
Harnessed & PCB Connectors 140
Performance Data 141
Dimensions 142

ACCESSORIES

Connector Saver 149
Dimensions 150

EMI Backshells 151
Elliptical Cable Exit 152
Circular Cable Exit 154

Standard Hardware 157
Dimensions 158

Dust Caps 163

Design Capabilities 164

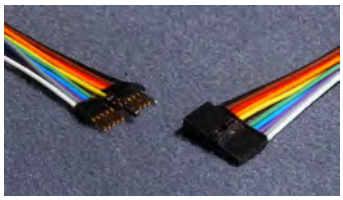
Wire Gauge Charts 166

Part Number Cross Reference 167

INTRODUCTION

Engineered to meet and exceed MIL-DTL-83513 standards, Micro-D Connector Series provides a robust platform for a wide range of applications. With options ranging from rectangular and stripline connectors to customizable card edge configurations, including signal and coax/power contacts, our Micro-D connectors offer a tailored solution for diverse connectivity needs. Their compact design ensures efficiency without compromising performance.





ENGINEERED SOLUTIONS DESIGNED TO FIT

Amphenol ACC is a leading innovator in micro miniature connectors, driven by a comprehensive design approach. Our connectors comply with military standards and offer a wide range of options, integrating power, signal, coaxial, and fiber optic contacts for various market applications.

We take pride in our superior quality contact systems, which include precision-stamped and formed pin contacts, precision-fabricated tube socket contacts, and epoxy retention in high-grade thermoplastic insulators. This ensures unparalleled reliability, surpassing traditional D-sub connectors with a fourfold increase in density. Our commitment to exceeding performance specifications sets us apart.

At Amphenol ACC, we provide customizable terminations, shells, mounting hardware, and backshells tailored to meet unique application requirements. Whether it's for aerospace or ground systems, choosing Amphenol ACC means selecting a partner dedicated to delivering micro-D connectors that integrate seamlessly into your systems, ensuring precision and top-notch performance.

OUR MARKETS

- Commercial Aircraft
- Space
- Military Aircraft
- Naval
- Missiles & Missile Defense
- Avionics
- C4ISR
- Soldier Systems
- Unmanned Systems
- Ground Systems & Vehicles

PRECISION-STAMPED & FORMED CONTACTS

Amphenol ACC is at the forefront of transformative connector design, introducing a groundbreaking approach with its precision-stamped and formed contacts. Departing from conventional methods, these contacts represent an innovative Amphenol design that exceeds industry standards, particularly meeting and surpassing the stringent MIL-DTL-83513 requirements. What sets them apart is the meticulous use of gold over nickel plating, establishing a new benchmark for performance and reliability.



3 Tyne Compression



Au/Ni barrier
(Uniform plating thickness)

One-piece Design: Fully qualified with a seamless contact boasting evenly spaced compliant tines.

Gold Over Nickel Plating: Sets a performance standard, ensuring high precision and reliability, with consistent plating thickness for optimal conductivity.

Automated Stamping: Eliminates variations, providing a consistent and reliable contact system.

Integrated Engaging End: Guarantees uniform insertion forces, prioritizing ease of use with low mating and unmating forces.

Ideal for Critical Applications: Suited for space and satellite, showcasing reliability in demanding environments.

Continuous Connection: Features a line contact for superior performance over multi-point connections.

Amphenol ACC's M83513 Micro-D connectors are qualified for the Qualified Products List (QPL) maintained by the Defense Logistics Agency (DLA). Other ACC Micro-D series connectors are designed to meet the same performance requirements.

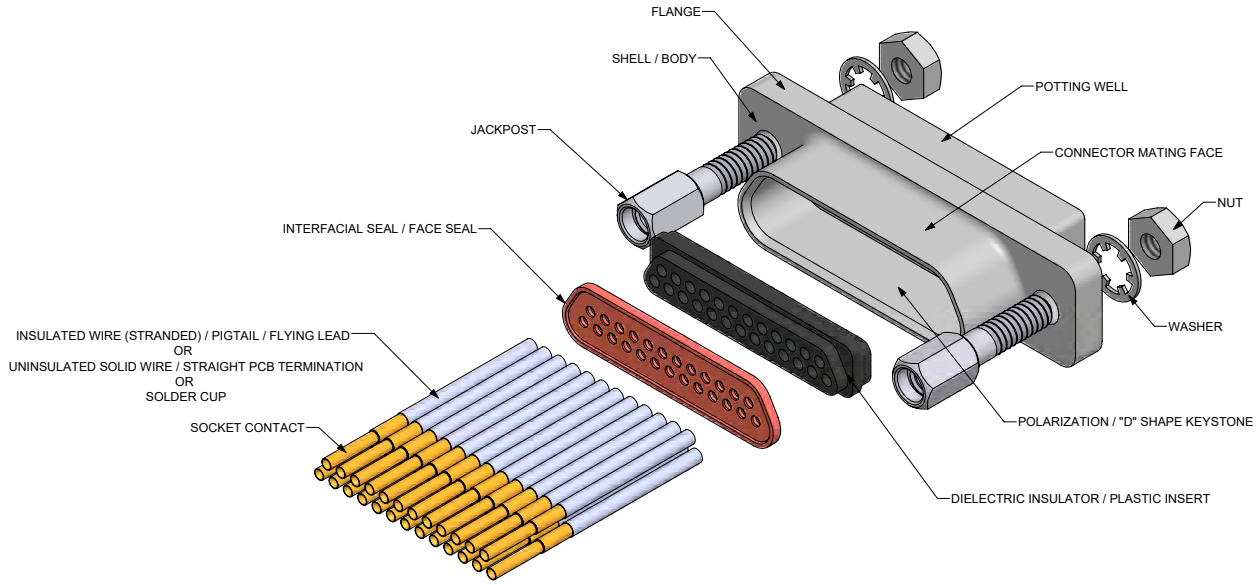
Test Description	Specification/ Method *	Limits	
Contact Rating		≤ 3 A	
Magnetic Permeability	ASTM-A342/A342M	≤ 2.0 μ	
D.W.V. (Test voltage rms 60 Hz ac volts)	EIA-364-20	At sea level: 600 VAC for solder pot and standard wire (Test voltage RMS 60 Hz AC volts)	At 70,000 ft altitude (reduced barometric pressure): 150 VAC for solder pot and standard wire
Insulation Resistance	EIA-364-21	≥ 5 GΩ/min.	
Contact Resistance	EIA-364-23	8 mΩ at 3 A	
Contact Engagement Force	MIL-DTL-83513	≤ 6.0 oz.	
Contact Separation Force	MIL-DTL-83513	≥ 0.5 oz.	
Connector Mating Force	MIL-DTL-83513	≤ 10 oz. × nº of contacts	
Connector Unmating Force	MIL-DTL-83513	≥ 0.5 oz. × nº of contacts	
Thermal Shock (Temperature Cycling)	EIA-364-32, condition I, 5 cycles	No physical damage from -55°C to +125°C (-67°F to +257°F)	
Mechanical Shock (Specified Pulse)	EIA-364-27, condition E	No physical damage and no loosening of parts No loss of continuity > 1 micro-sec.	
Vibration	EIA-364-28, condition IV	No physical damage and no loosening of parts No loss of continuity > 1 micro-sec.	
Durability	MIL-DTL-83513	500 mating cycles at a rate of 200 ±100 CPH	
Salt Spray (Corrosion)	EIA-364-26, condition B	Meets mateability and contact resistance requirements	
Fluid Immersion	MIL-DTL-83513	Meets mateability requirements	
Humidity	EIA-364-31	Meets D.W.V. and insulation resistance requirements *≥ 1 MΩ after step 6* *≥ 1 GΩ after 24 hrs of conditioning*	
Insert Retention (class M)	MIL-DTL-83513	50 lbs psi (axial load)	
Solderability	MIL-STD-202, method 208	Withstand test condition	
Contact Retention E	IA-364-29	≥ 5 lbs (axial load)	
Thermal Vacuum Outgassing (Space Classes)	SP-R-0022 or ASTM E595	Exceeds MIL-DTL-83513 requirements; *Standard is ≤ 1.0% (Space Classes) TML and ≤ 0.1% VCM of original mass*	

The above data applies to a standard Amphenol ACC Micro-D connector that is in accordance with the *MIL-DTL-83513 specification.* Variations from standard products may cause performance to vary.

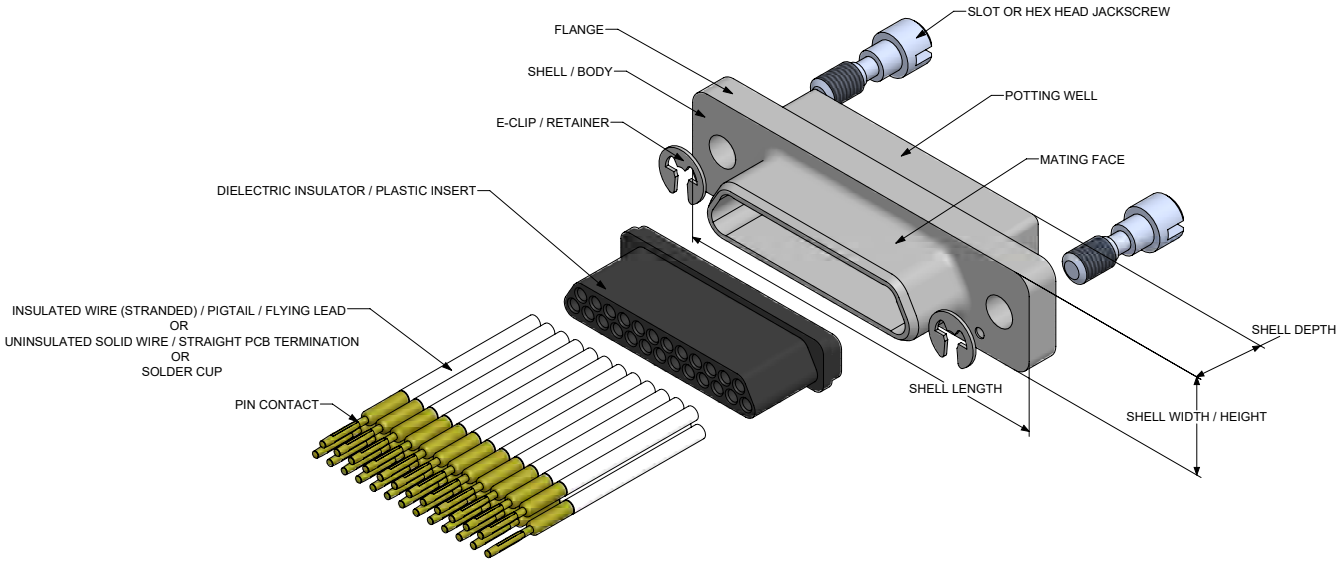
Consult factory for special applications and requirements.

DETAILED VIEW OF MICRO-D CONNECTORS

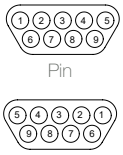
RECEPTACLE / FEMALE / SOCKET CONNECTOR



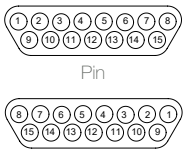
PLUG / MALE / PIN CONNECTOR



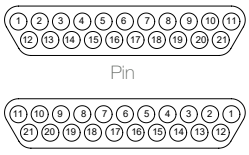
9 Contacts



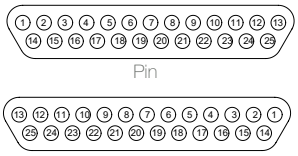
15 Contacts

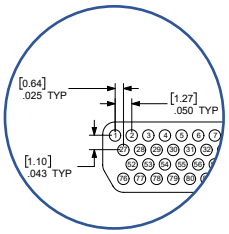


21 Contacts

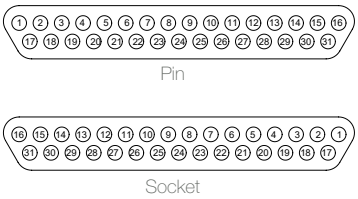


25 Contacts

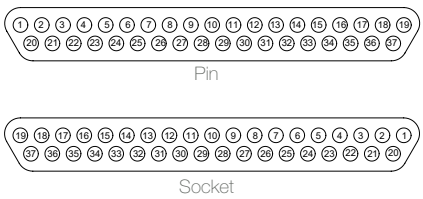




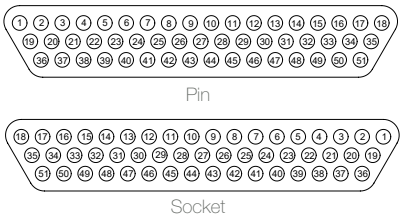
31 Contacts



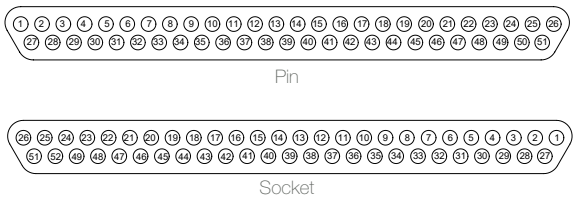
37 Contacts



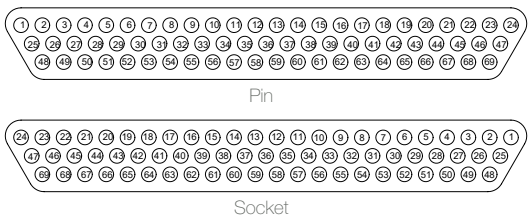
51 Contacts



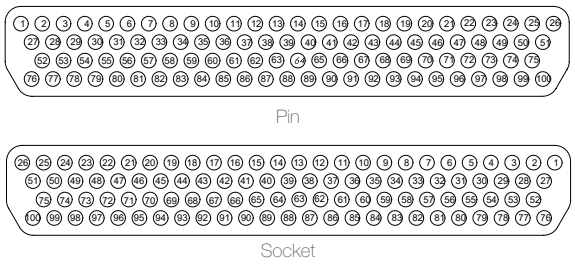
51A Contacts (2 Row)



69 Contacts

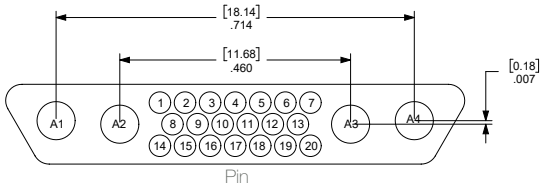


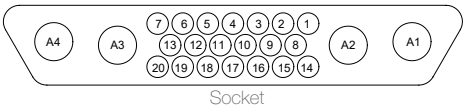
100 Contacts



24W4 / 24P4

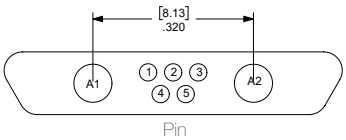
Coax/Power
20 signal contacts
51 way Micro-D shell

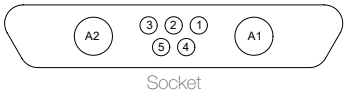




7W2 / 7P2

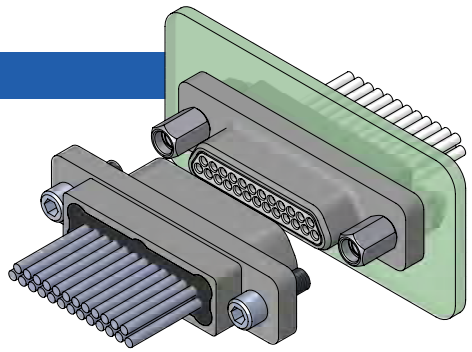
Coax/Power
5 signal contacts
25 way Micro-D shell





**Cavity identification numbers are for reference only and do not appear on the connector. Coax and power contacts are not to MIL-spec.*

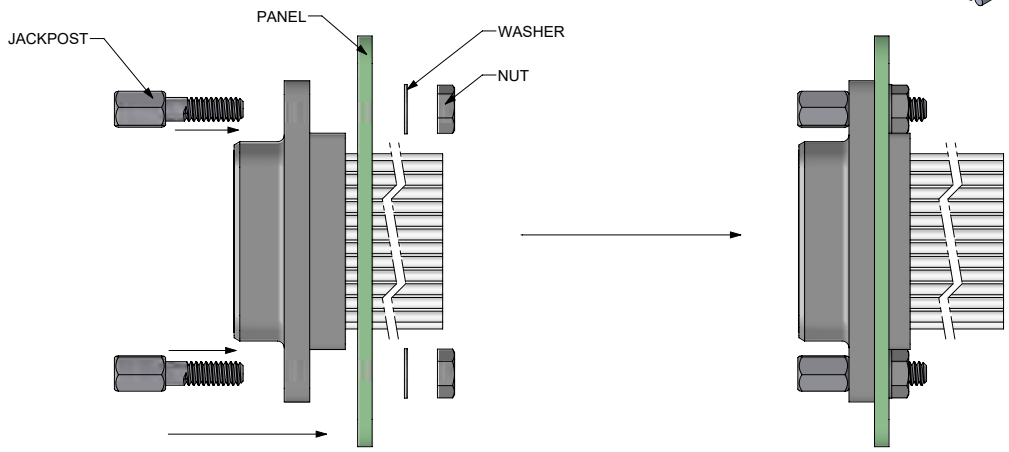
FRONT PANEL MOUNTING



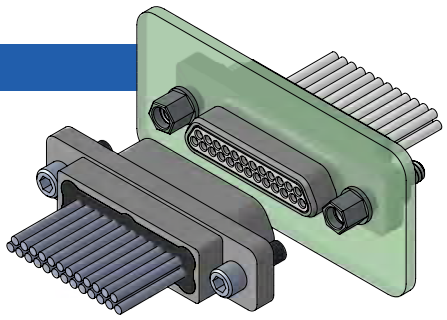
Available in two different hardware sizes:

- #2-56 / M2 for size 9-69
- #4-40 / M3 for size 100

Please see page157 for hardware details



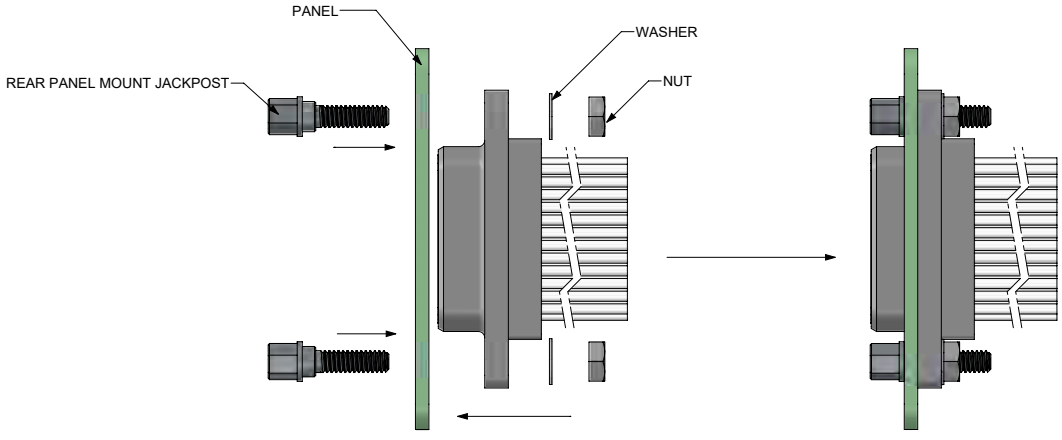
REAR PANEL MOUNTING



Available in two different hardware sizes:

- #2-56 / M2 for size 9-69
- #4-40 / M3 for size 100

Please see page157 for hardware details



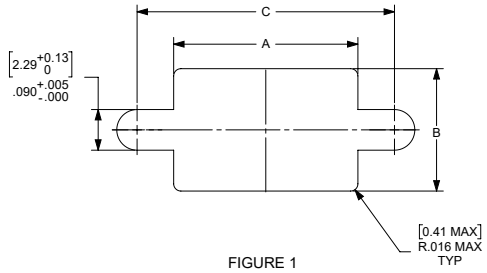


FIGURE 1
SIZE 9-69 FRONT MOUNTING

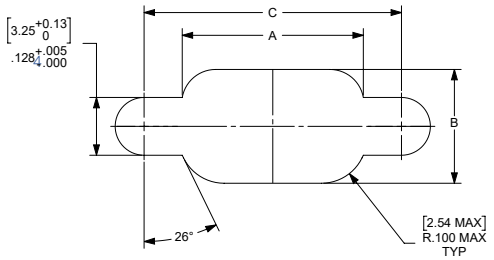


FIGURE 2
SIZE 9-69 REAR MOUNTING

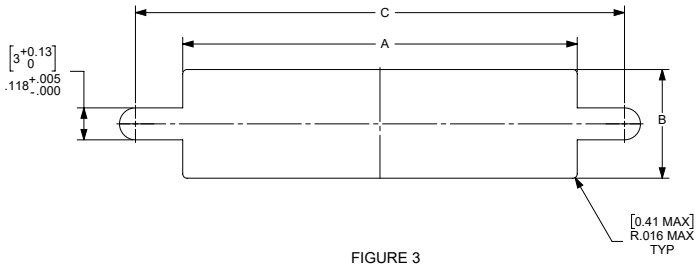


FIGURE 3
SIZE 100 FRONT MOUNTING

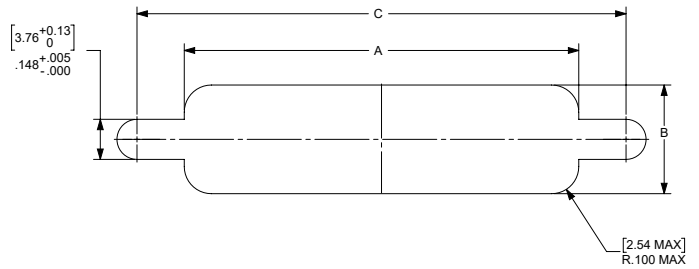


FIGURE 4
SIZE 100 REAR MOUNTING

Dimensions are in inch (mm)

SIZE	FIGURE	A +.004 (0.10) -.000 (0.00)	B +.004 0.10) -.000 (0.00)	C +.005 (0.13) -.000 (0.00)
9	1	.404 (10.26)	.274 (6.96)	.570 (14.48)
	2	.408 (10.36)	.258 (6.55)	
15	1	.554 (14.07)	.274 (6.96)	.720 (18.29)
	2	.559 (14.20)	.258 (6.55)	
21	1	.704 (17.88)	.274 (6.96)	.870 (22.10)
	2	.709 (18.00)	.258 (6.55)	
25	1	.804 (20.42)	.274 (6.96)	.970 (24.64)
	2	.809 (20.55)	.258 (6.55)	
31	1	.954 (24.23)	.274 (6.96)	1.120 (28.45)
	2	.959 (24.36)	.258 (6.55)	
37	1	1.104 (28.04)	.274 (6.96)	1.270 (32.26)
	2	1.109 (28.17)	.258 (6.55)	
51	1	1.054 (26.77)	.315 (8.00)	1.220 (30.99)
	2	1.059 (26.90)	.301 (7.64)	
69	1	1.354 (34.39)	.315 (8.00)	1.520 (38.62)
	2	1.358 (34.49)	.301 (7.64)	
100	3	1.446 (36.73)	.364 (9.25)	1.805 (45.85)
	4	1.459 (37.06)	.406 (10.31)	

101 SERIES

Dimensions are in inch (mm)

SIZE	FIGURE	A +.004 (0.10) -.000 (0.00)	B +.004 (0.10) -.000 (0.00)	C +.005 (0.13) -.000 (0.00)
9	1	.412 (10.46)	.177 (4.50)	.570 (14.48)
	2	.385 (9.78)	.223 (5.66)	
15	1	.562 (14.27)	.177 (4.50)	.720 (18.29)
	2	.535 (13.59)	.223 (5.66)	
21	1	.712 (18.08)	.177 (4.50)	.870 (22.10)
	2	.685 (17.40)	.223 (5.66)	
25	1	.812 (20.62)	.177 (4.50)	.970 (26.64)
	2	.785 (19.94)	.223 (5.66)	
31	1	.962 (24.43)	.177 (4.50)	1.120 (28.45)
	2	.935 (23.75)	..223 (5.66)	
37	1	1.112 (28.24)	.177 (4.50)	1.270 (32.26)
	2	1.085 (27.56)	.223 (5.66)	
51	1	1.062 (26.97)	.225 (5.71)	1.220 (30.99)
	2	1.035 (26.29)	.265 (6.73)	

Sizes 69 & 100 are not applicable for 101 series plastic connectors.

Notes:
[1] Shell sizes 9-69 front mounting (Figure 1) and rear mounting (Figure 2) cutouts accommodate #2-56 screws.
[2] Shell size 100 front mounting (Figure 3) and rear mounting (Figure 4) cutouts accommodate #4-40 screws.

MIL-DTL-83513
QUALIFIED SUPPLIER

Amphenol ACC
Advanced Compact Connectors



STANDARD PROFILE

100, 102 & 104 SERIES

The Amphenol ACC 100 Series Micro-D Connector excels in precision connections across industries, ideal for compact spaces. Its sleek design and durability ensure top performance, trusted globally for reliability.

Essential for aerospace and defense, it sets the standard for connectivity excellence.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
		Plastic	Polyphenylene Sulfide (Ryton) or equivalent
	Finish	Metal	» Anodized (Black) » Zinc Nickel (Black Chromate) » Cadmium (Yellow Chromate) » Olive Drab Cadmium » Chem Film » Gold » Zinc Nickel - 48 hrs » Pure Electro-Deposited Al » Nickel fluorocarbon polymer » Electroless Nickel
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

HARNESSED CONNECTORS

- Supplied pre-wired and fully potted
- Plastic and metal shells are intermateable and intermountable
- Metal shells to provide RFI/EMI shielding

PCB CONNECTORS

- Available in straight and right angle termination style
- Solid copper 24 AWG PCB leads, Tin plated, and solder dipped

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	100	R	N	25	P	–	4	A	5	F	P	–	48

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

100	Metal Shell Per M83513
102	Plastic Shell (Dimensionally identical to 100 series)
104	Passivated Stainless Steel (Dimensionally identical to 100 series)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 102 & 104 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	25	51
15	31	69
21	37	100

6 Connector Type

P	Plug
S*	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

** Interfacial seal not include for 102 series*

7 Wire Size (AWG)

1	32	4*	26
2	30	5†	25
3	28	6	24
SOLDER CUP			
Omit for Standard Solder Cup		7	Special 24 AWG

** M83513 Standard*
† Solid Wire Only

8 Wire Type

Omit for Standard Solder Cup	
GENERAL APPLICATIONS	
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
MILITARY APPLICATIONS	
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Finish (Color)

Omit for Solder Cup	
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf
7	1st 15 colors black thru white/Yellow Repeated (Size 21+ Only)
8*	Twisted Pairs, White/Blue
9*	Twisted Pairs, White/Blue, Marked

** Consult factory for details*

10 Wire Length – Dimensions in inches

Omit for Standard Solder Cup	
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Hardware — Pre-installed by factory
Metric Codes Available

MOUNTING HOLE	
B	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)

Hardware — Pre-installed by factory 11

Metric Codes Available

Continued

JACKPOSTS		
P	Standard Jackpost	
REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)
FLOAT MOUNT		
F	Forward Float Mount	
R	Reverse Float Mount	
JACKSCREWS		
M2	Low Profile Jackscrew, Allen Head	
M3	High Profile Jackscrew, Allen Head	
M5	Low Profile Jackscrew, Slot Head	
M6	High Profile Jackscrew, Slot Head	
L	Captive Low Profile Jackscrew	
K	Captive High Profile Jackscrew	

Non-Standard Length Code 12

Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"
Solid Wire (Length < 1.00")	110=.110" 999=.999"

** All wire lengths (inches) +1.0"/-0.0"*

PART BUILDER

Download 2D drawings & 3D models using our *Part Builder*



FOR MORE INFORMATION

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sales@amphenolacc.com
+1 (416) 291-4401

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M83513 QUALIFIED

SOLDER CUP TERMINATION

PART NUMBER KEY

1 Connector Series		2 Specification Sheet		3 Insert Arrangement		4 Shell Finish
M83513	/	01	-	H		P

1 Connector Series

M83513	Micro-D MIL-DTL-83513 spec.

2 Specification Sheet

01	Plug (pin)
02	Receptacle (socket)

3 Insert Arrangement

A	9	D	25	G	51
B	15	E	31	H	100
C	21	F	37		

4 Shell Finish

C	Cadmium
N	Electroless Nickel
P	Passivated Stainless Steel

CRIMP TERMINATION

PART NUMBER KEY

1 Connector Series		2 Specification Sheet		3 Insert Arrangement		4 Wire Type		5 Shell Finish
M83513	/	03	-	D		01		N

1 Connector Series

M83513	Micro-D MIL-DTL-83513 spec.

2 Specification Sheet

03	Plug (pin)
04	Receptacle (socket)

3 Insert Arrangement

A	9	D	25	G	51
B	15	E	31	H	100
C	21	F	37		

4 Wire Type*

01	M22759/11-26-9, 18”
02	M22759/11-26-9, 36”

4 Wire Type* *Continued*

03	M22759/11-26-[ ] ,18”
04	M22759/11-26-[ ] ,36”
05	A-A-59551, Type S, 25 AWG, except shall be gold plated 10 micro-inches; 0.5”
06	A-A-59551, TYPE S, 25 AWG,except shall be gold plated 10 micro-inches; 1.0”
07	A-A-59551, TYPE S, 25 AWG, tin plated 100 micro-inches; 0.5”
08	A-A-59551, TYPE S, 25 AWG, tin plated 100 micro-inches; 1.0”
09	M22759/33-26-9, 18”
10	M22759/33-26-9, 36”
11	M22759/33-26-[ ], 18”
12	M22759/33-26-[ ], 36”
13	M22759/11-26-9, 72”
14	M22759/11-26-[ ], 72”

4 Wire Type* *Continued*

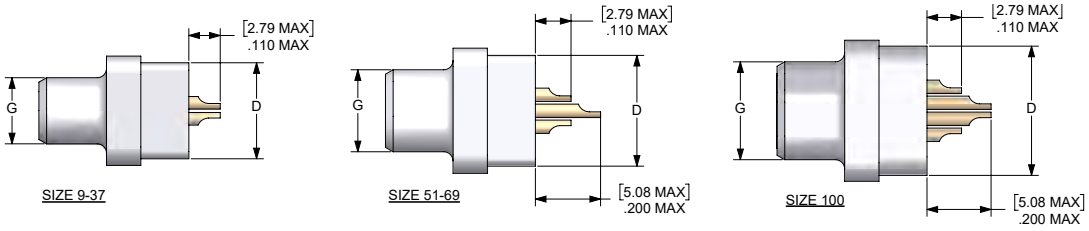
15	M22759/33-26-9, 72”
16	M22759/33-26[ ], 72”
17	04035-26A-9,18”
18	04035-26A-9, 36”
19	04035-26A-9, 72”
20	04035-26A-[ ], 18”
21	04035-26A-[ ], 36”
22	04035-26A-[ ], 72”

** All wire lengths (inches) +1.0"/-0.0"*

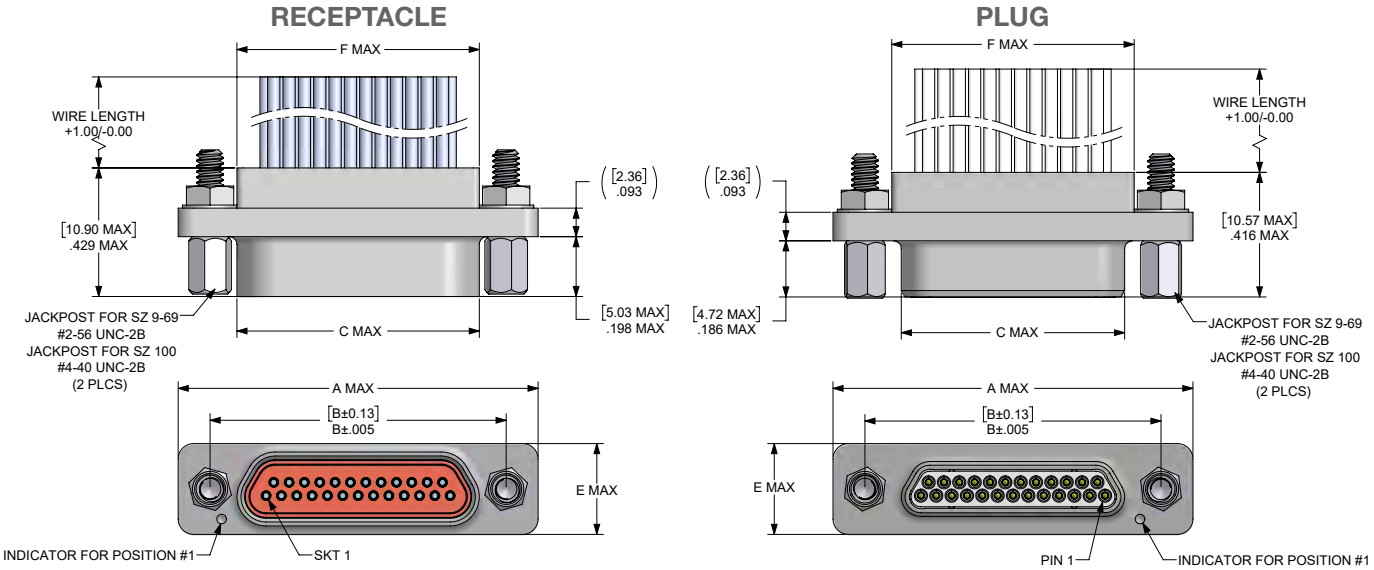
5 Shell Finish

C	Cadmium
N	Electroless Nickel
P	Passivated Stainless Steel

SOLDER CUP TERMINATION PLUG/RECEPTACLE [1]
M83513/01 & /02



CRIMP/WIRE TERMINATION
M83513/03 & /04



Dimensions are in inch (mm)

SIZE	A MAX	B ±.005 (0.13)	C MAX		D MAX	E MAX	F MAX	G MAX	
			PLUG	RECEPTACLE				PLUG	RECEPTACLE
09	.785 (19 .94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.270 (6.86)	.308 (7.82)	.400 (10.16)	.185 (4.70)	.253 (6.43)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)			.550 (13.97)		
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)			.700 (17.78)		
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)			.800 (20.32)		
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)			.950 (24.13)		
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)			1.100 (27.94)		
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.310 (7.87)	.351 (8.92)	1.050 (26.67)	.228 (5.79)	.296 (7.52)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)			1.350 (34.29)		
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.13)	1.452 (36.88)	.360 (9.14)	.394 (10.01)	1.442 (36.63)	.271 (6.88)	.333 (8.46)

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware	9 Threaded Insert	10 Lead Length		11 Non-Standard Length Code
E	100	R	N	25	P	–	BR	P	T	F	–	125

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

100	Metal Shell Per M83513
102	Plastic Shell (Dimensionally identical to 10 series)
104	Passivated Stainless Steel (Dimensionally identical to 100 series)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 102 & 104 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	25	51
15	31	69
21	37	100

6 Connector Type

P	Plug
S*	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

** Interfacial seal not include for 102 series*

7 Termination Type
Other Types Available

CBR	Narrow Right Angle PCB Per M83513 /10 - /15
HBR	High Density CBR
BR	Right angle PCB Per M83513 /16 - /21
BS	Narrow Straight PCB Per M83513 /22 - /27
C6	Straight PCB Per M83513 /28 - /33
H6	High Density C6
C16	Straight PCB with Flange (C6 PCB Configuration)
H16	High Density C16

8 Hardware — Pre-installed by factory
Metric Codes Available

	Omit for no threaded Insert
MOUNTING HOLE	
B*	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
FLOAT MOUNT *	
F	Forward Float Mount
R	Reverse Float Mount

8 Hardware — Pre-installed by factory
Metric Codes Available
Continued

JACKSCREWS *	
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew
JACKPOSTS	
P	Standard Jackpost

REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
PE	Hex	.075 - .085" (1.91 - 2.16 mm)
PF	Hex	.120 - .130" (3.05 - 3.30 mm)
PG	Hex	.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB	Slot	.042 - .052" (1.06 - 1.32 mm)
SC	Slot	.057 - .067" (1.45 - 1.70 mm)
SD	Slot	.088 - .098" (2.24 - 2.49 mm)
SE	Slot	.075 - .085" (1.91 - 2.16 mm)
SF	Slot	.120 - .130" (3.05 - 3.30 mm)
SG	Slot	.067 - .077" (1.70 - 1.96 mm)

** Only available for C16/H16 terminations and are not pre-installed by Factory*

Threaded Insert ▲ 9

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9-69)
U	#4-40 Threaded Insert (Size 100 Only)
V	M2 Threaded Insert (Size 9-69)
Z	M3 Threaded Insert (Size 100 Only)

Pre-installed PCB mounting options

Lead Length – Dimensions in inches 10

1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

Non-Standard Length Code 11
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (Length < 1.00”)	110=.110” 999=.999”

** All wire lengths (inches) +1.0"/-0.0"*

PART BUILDER

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M83513 QUALIFIED

PCB TERMINATION

PART NUMBER KEY

Connector Series		Specification Sheet		Insert Arrangement	Lead Length	Shell Finish	Hardware
1		2		3	4	5	6
M83513	/	10	-	A	01	N	P

Connector Series (1)

M83513	Micro-D MIL-DTL-83513 spec.

Specification Sheet (2)

10	Plug (Pin), CBR Type, Size 9-37
11	Plug (Pin), CBR Type, Size 51
12	Plug (Pin), CBR Type, Size 100
13	Receptacle (Socket), CBR Type, Size 9-37
14	Receptacle (Socket), CBR Type, Size 51
15	Receptacle (Socket), CBR Type, Size 100
16	Plug (Pin), BR Type, Size 9-37
17	Plug (Pin), BR Type, Size 51
18	Plug (Pin), BR Type, Size 100
19	Receptacle (Socket), BR Type, Size 9-37
20	Receptacle (Socket), BR Type, Size 51
21	Receptacle (Socket), BR Type, Size 100
22	Plug (Pin), BS Type, Size 9-37
23	Plug (Pin), BS Type, Size 51
24	Plug (Pin), BS Type, Size 100
25	Receptacle (Socket), BS Type, Size 9-37
26	Receptacle (Socket), BS Type, Size 51
27	Receptacle (Socket), BS Type, Size 100
28	Plug (Pin), C6 Type, Size 9-37
29	Plug (Pin), C6 Type, Size 51
30	Plug (Pin), C6 Type, Size 100

Specification Sheet (2) *Continued*

31	Receptacle (Socket), C6 Type, Size 9-37
32	Receptacle (Socket), C6 Type, Size 51
33	Receptacle (Socket), C6 Type, Size 100

Insert Arrangement (3)

A	9	D	25	G*	51
B	15	E	31	H†	100
C	21	F	37		

* *Applicable for spec. sheet 11, 14, 17, 20, 23, 26, 29 & 32*
† *Applicable for spec. sheet 12, 15, 18, 21, 24, 27, 30 & 33*

Lead Length – Dimensions in inches (4)

01	0.109 ± 0.015
02	0.140 ± 0.015
03	0.172 ± 0.015

Shell Finish (5)

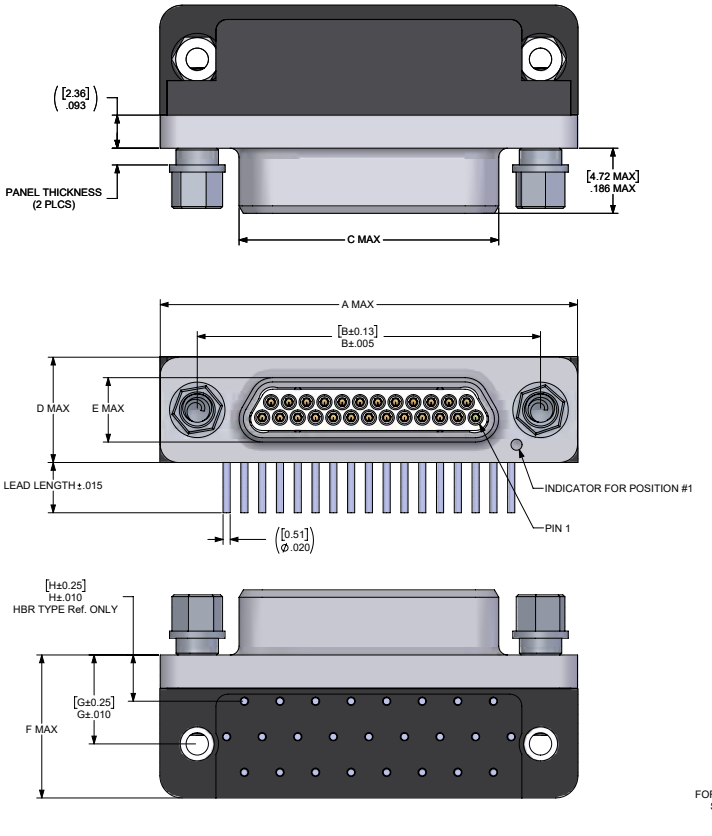
C	Cadmium
N	Electroless Nickel
P	Passivated Stainless Steel

Hardware (6)

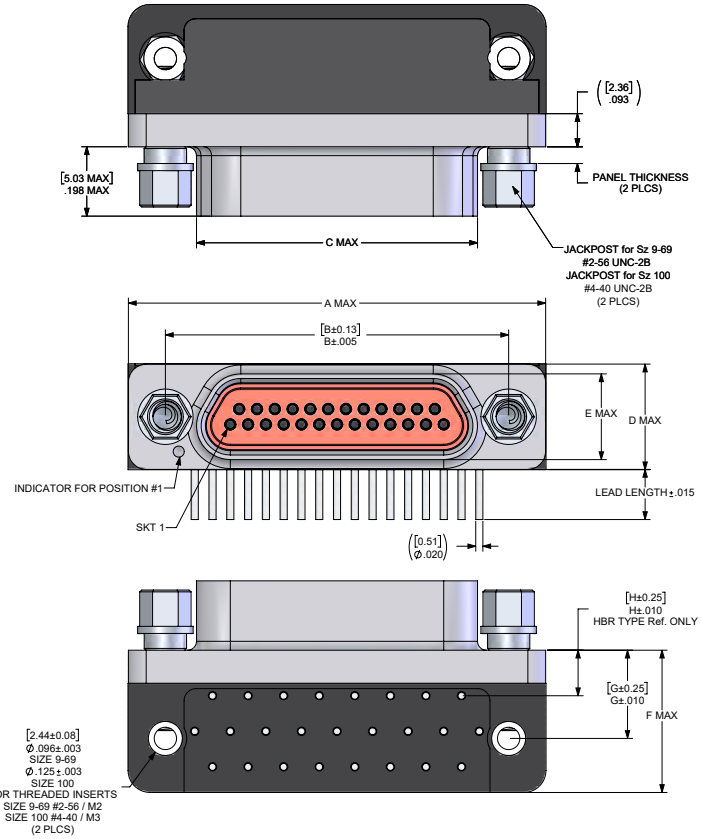
N	No Jackpost or Threaded Insert
P	Jackpost
T	Threaded Insert
W	Jackpost and Threaded Insert

CBR | HBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

PLUG



RECEPTACLE



Dimensions are in inch (mm)

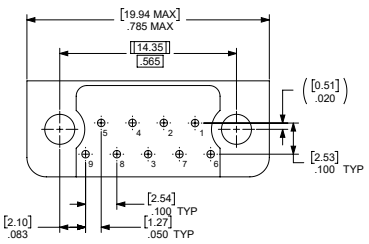
SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX	E MAX		F MAX		G ± 0.010 (0.25)	H	
			PLUG	RCPT		PLUG	RCPT	CBR	HBR		CBR ± 0.010 (0.25)	HBR Ref.
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.308 (7.82)	.185 (4.70)	.253 (6.43)	.420 (10.67)	.400 (10.16)	.250 (6.35)	.230 (5.84)	.213 (5.41)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)							.130 (3.30)	.175 (4.45)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)								
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)								
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)				.520 (13.21)				
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)								
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.351 (8.92)	.228 (5.79)	.296 (7.52)	.650 (16.15)	.490 (12.45)	.300 (7.62)	.150 (3.81)	.188 (4.78)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)				.755 (19.18)			.150 (3.81)	.188 (4.78)
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.15)	1.452 (36.88)	.394 (10.01)	.271 (6.88)	.333 (8.46)	1.000 (25.40)	.660 (16.76)	.400 (10.16)	.200 (5.08)	.213 (5.41)

CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

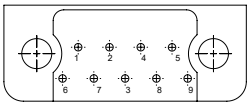
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27] — Mil. Spec. standard spacing

9 Contacts

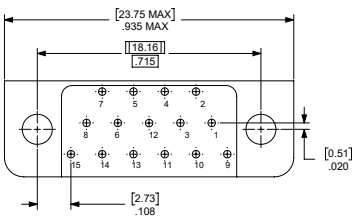
PIN

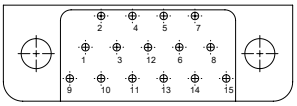


SOCKET

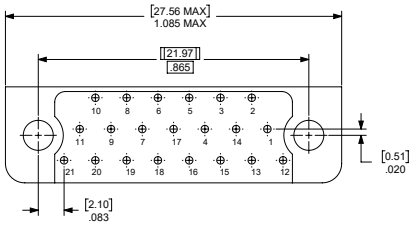


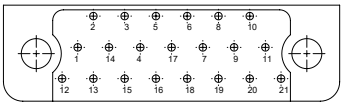
15 Contacts





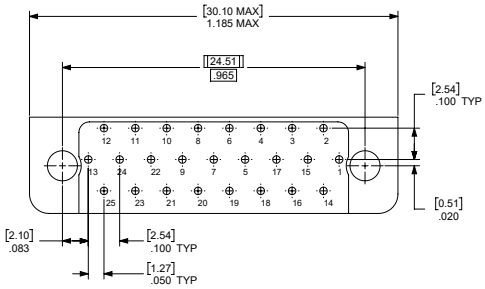
21 Contacts



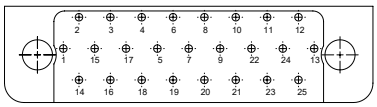


25 Contacts

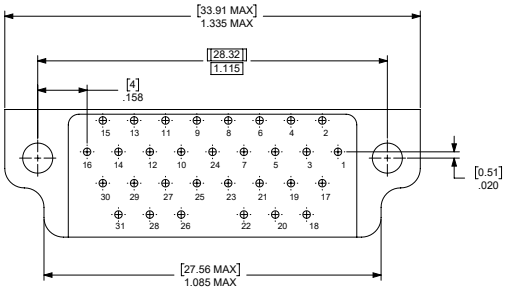
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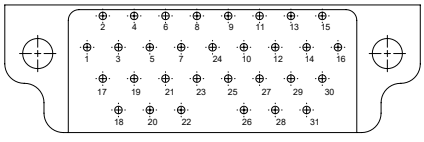


SOCKET



31 Contacts

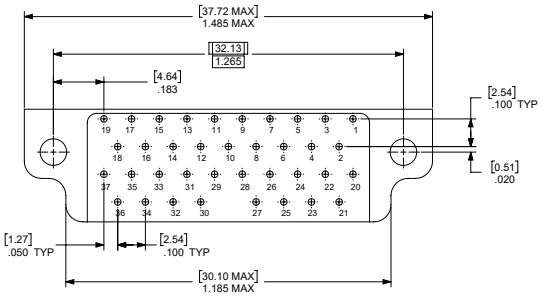




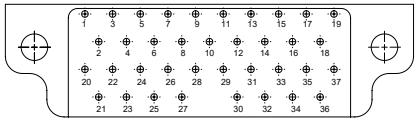
*Cavity identification numbers are for reference only and does not appear on the connector.

37 Contacts

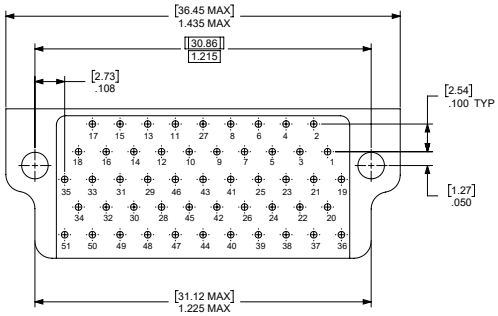
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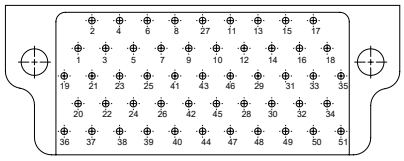


SOCKET



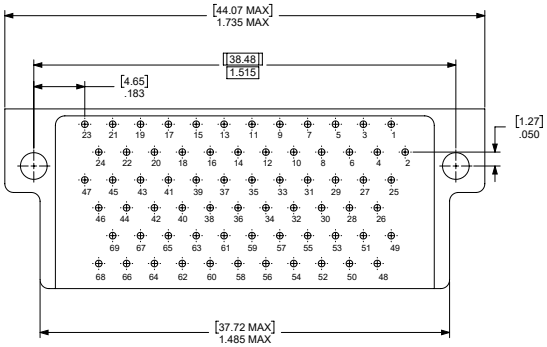
51 Contacts



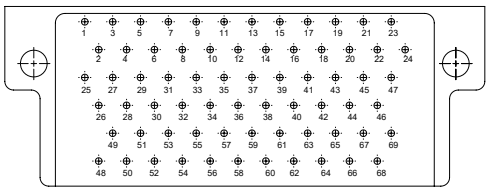


69 Contacts

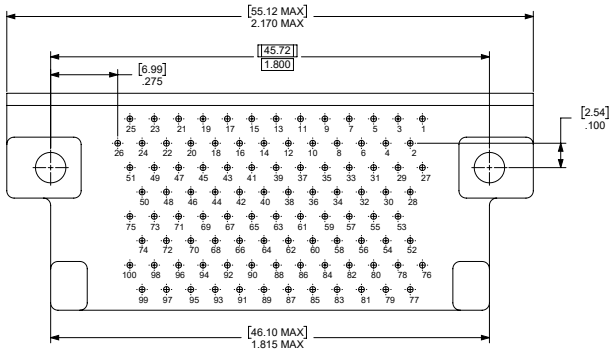
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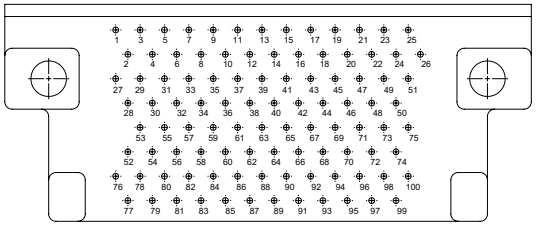


SOCKET



100 Contacts



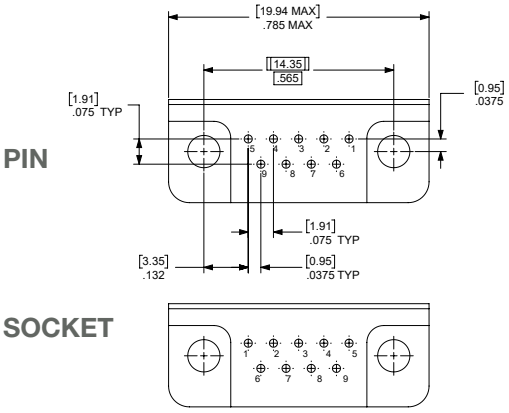


Cavity identification numbers are for reference only and does not appear on the connector.

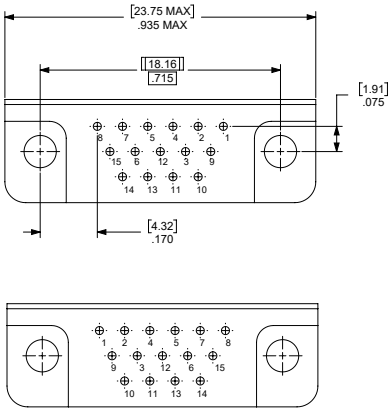
HBR TERMINATION
HIGH DENSITY BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

0.075 [1.91] × 0.075 [1.91] Grid Pattern, Offset 0.375 [0.95]

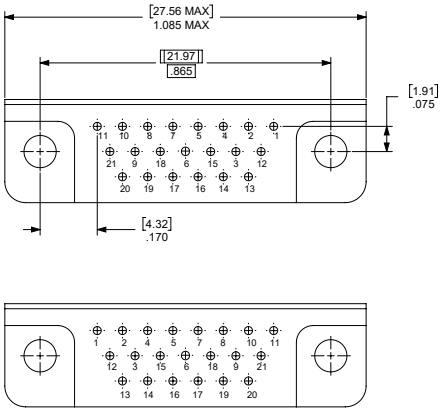
9 Contacts



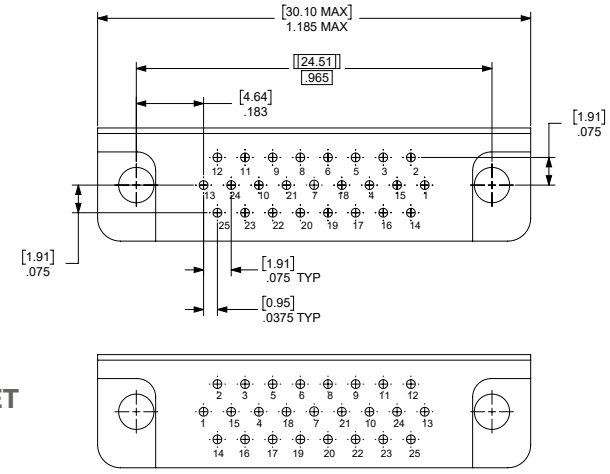
15 Contacts



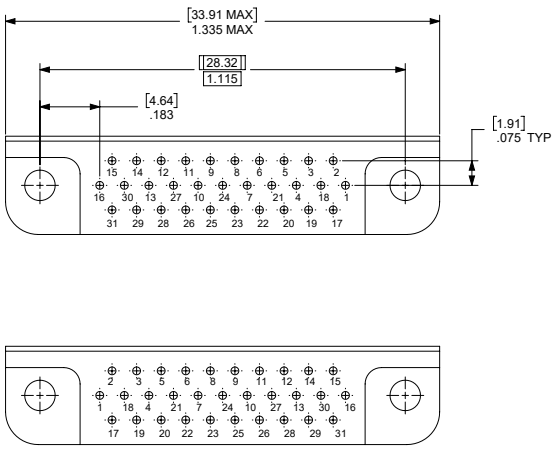
21 Contacts



25 Contacts



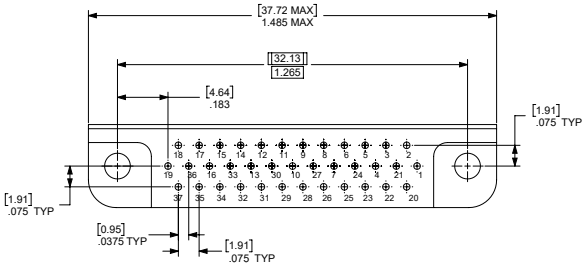
31 Contacts



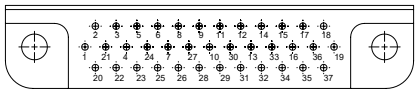
*Cavity identification numbers are for reference only and does not appear on the connector.

37 Contacts

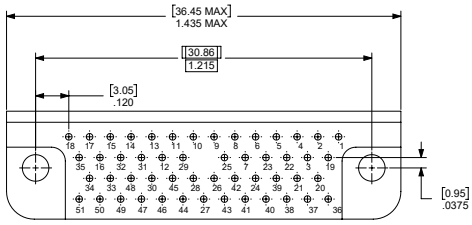
PIN

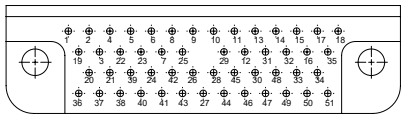


SOCKET



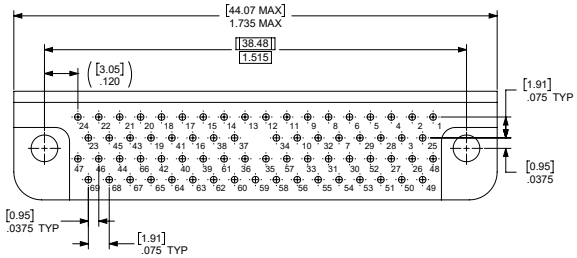
51 Contacts



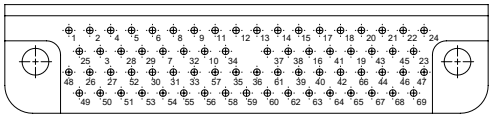


69 Contacts

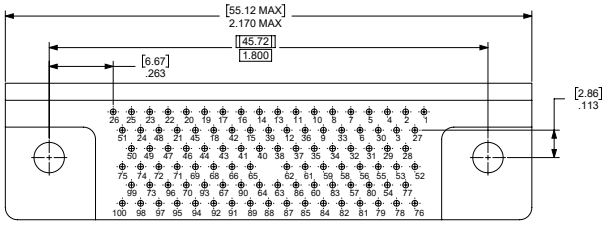
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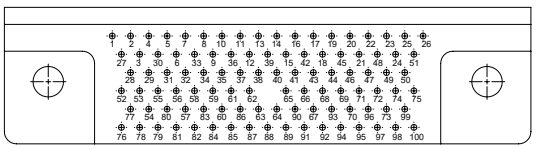


SOCKET



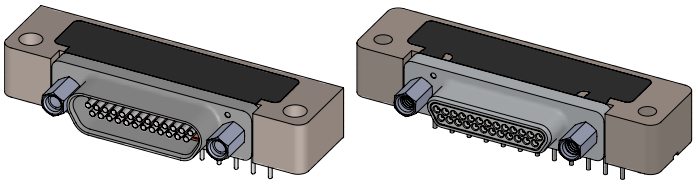
100 Contacts



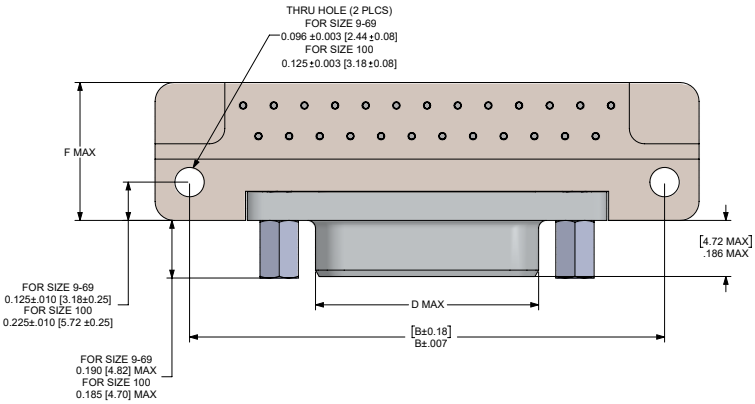


*Cavity identification numbers are for reference only and does not appear on the connector.

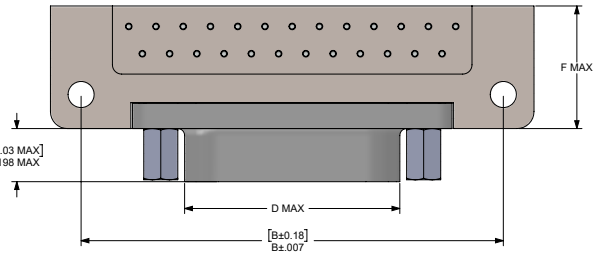
BR TERMINATION
BOARD RIGHT ANGLE CONNECTOR

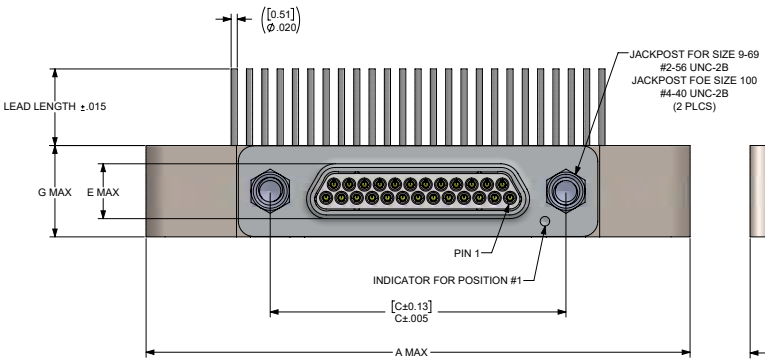


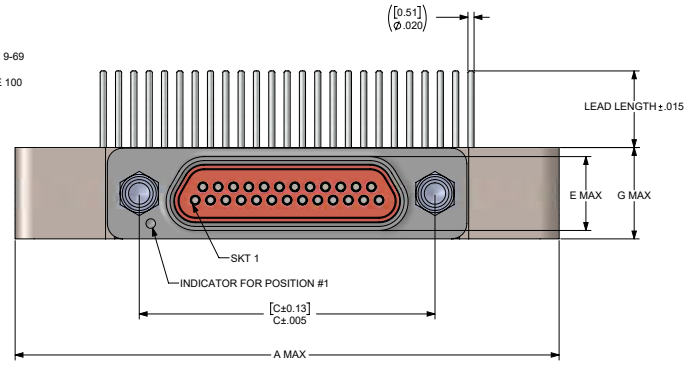
PLUG



RECEPTACLE







Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	D MAX		E MAX		F MAX	G MAX
				PLUG	RCPT	PLUG	RCPT		
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
15	1.540 (39.12)	1.300 (33.02)	.715 (18.16)	.484 (12.29)	.552 (14.02)				
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	.634 (16.10)	.702 (17.83)				
25	1.790 (45.47)	1.550 (39.37)	.965 (24.51)	.734 (18.64)	.802 (20.37)				
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	.884 (22.45)	.952 (24.18)				
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)				
51	1.875 (47.63)	1.600 (40.64)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.228 (5.79)	.296 (7.52)	.565 (14.35)	.351 (8.92)
69	2.500 (63.50)	2.200 (55.88)	1.515 (34.48)	1.289 (32.74)	1.357 (34.47)				
100	2.780 (70.61)	2.500 (63.50)	1.800 (45.72)	1.384 (35.15)	1.452 (36.88)	.271 (6.88)	.394 (10.01)	.765 (19.43)	.420 (10.67)

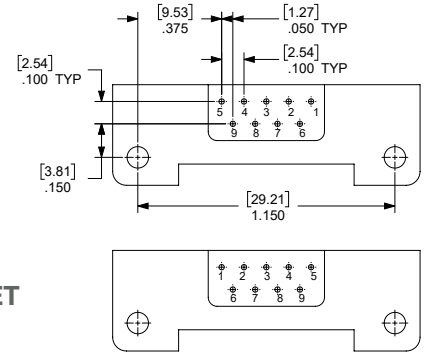
BR TERMINATION
BOARD RIGHT ANGLE
CONNECTOR

0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

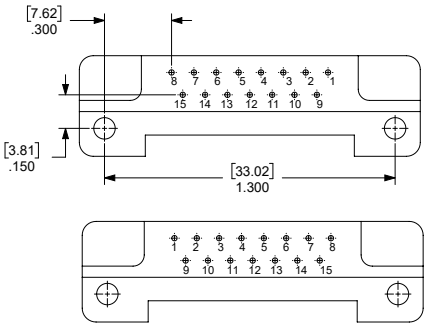
PIN

SOCKET

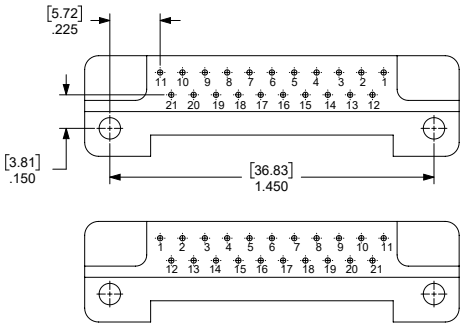
9 Contacts



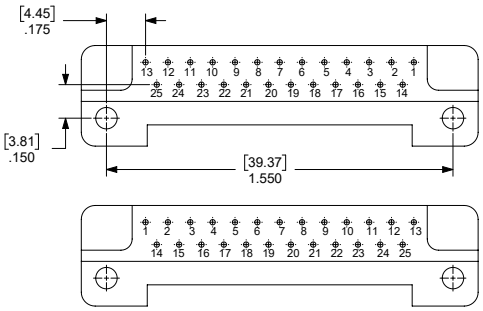
15 Contacts



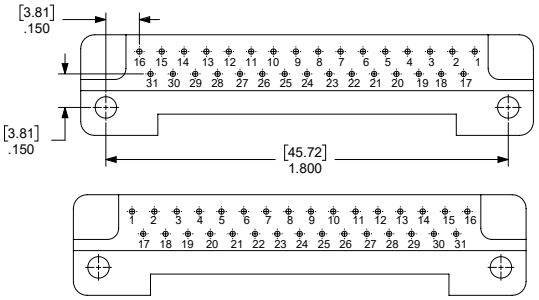
21 Contacts



25 Contacts



31 Contacts



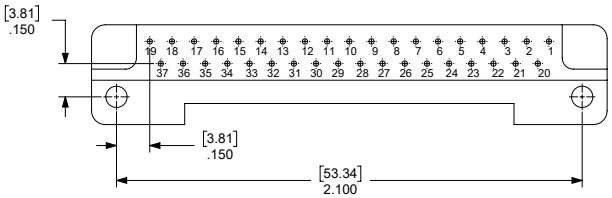
*Cavity identification numbers are for reference only and does not appear on the connector.

BR TERMINATION
BOARD RIGHT ANGLE CONNECTOR

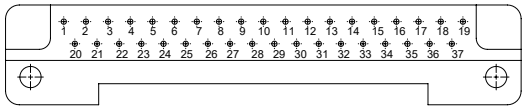
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

37 Contacts

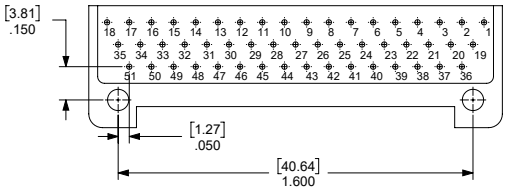
PIN

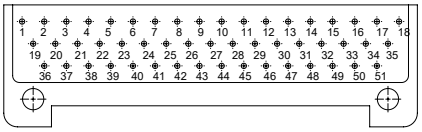


SOCKET



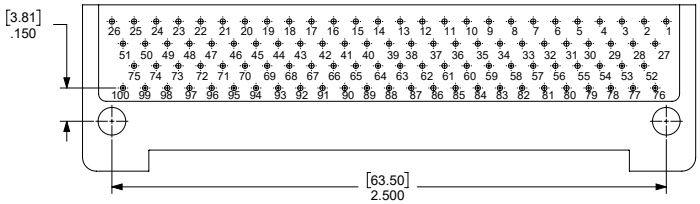
51 Contacts



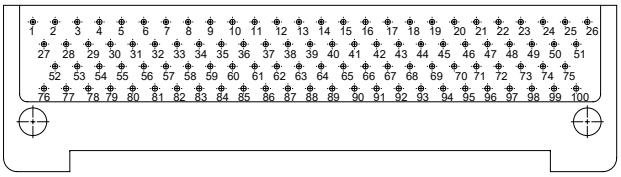


100 Contacts

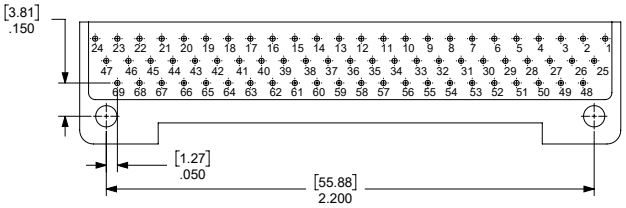
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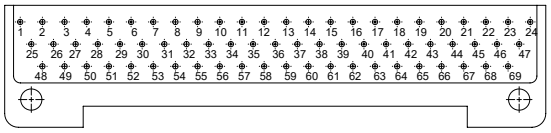


SOCKET



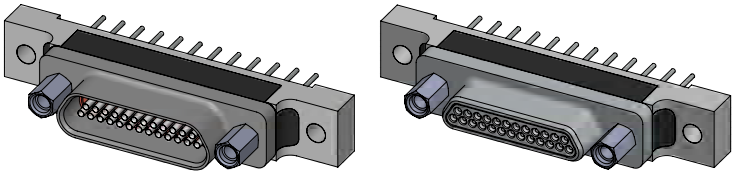
69 Contacts



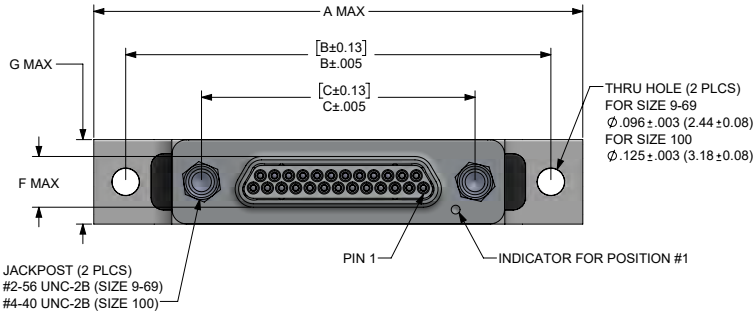


*Cavity identification numbers are for reference only and does not appear on the connector.

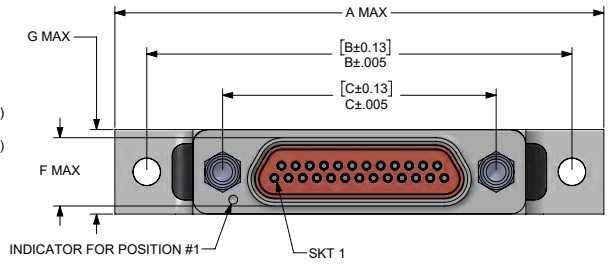
BS TERMINATION
BOARD STRAIGHT
CONNECTOR

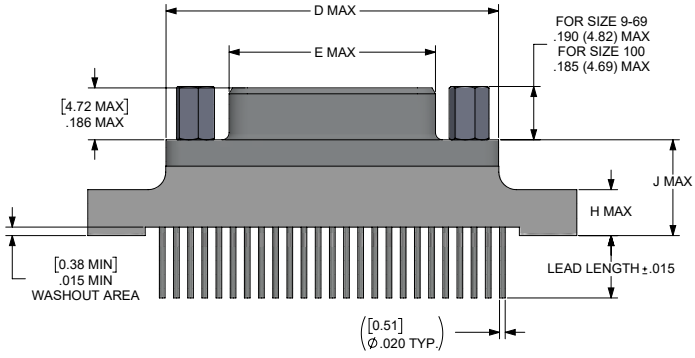


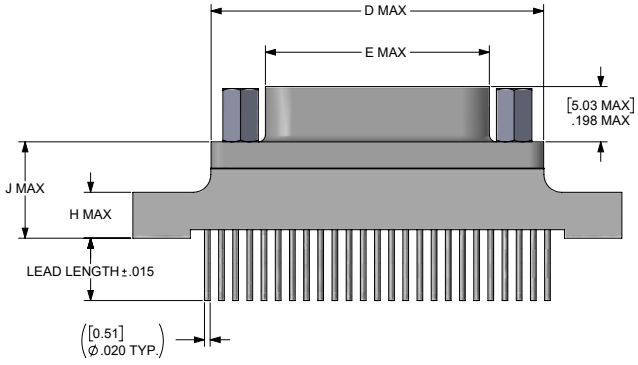
PLUG



RECEPTACLE







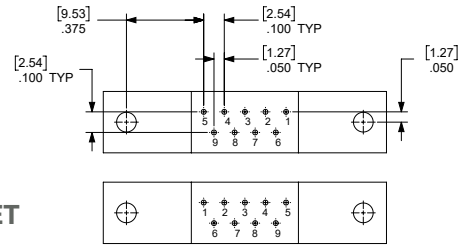
Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	D MAX	E MAX		F MAX		G MAX	H MAX	J MAX
					PLUG	RCPT	PLUG	RCPT			
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.785 (19.94)	.334 (8.48)	.402 (10.21)	.185 (4.70)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)
15	1.390 (35.31)	1.150 (29.21)	.715 (18.16)	.935 (23.75)	.484 (12.29)	.552 (14.02)					
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	1.085 (27.56)	.634 (16.10)	.702 (17.83)					
25	1.740 (44.20)	1.500 (38.10)	.965 (24.51)	1.185 (30.10)	.734 (18.64)	.802 (20.37)					
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	1.335 (33.91)	.884 (22.45)	.952 (24.18)					
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.485 (37.72)	1.034 (26.26)	1.102 (27.99)					
51	2.270 (57.66)	2.000 (50.80)	1.215 (30.86)	1.435 (36.45)	.984 (24.99)	1.052 (26.72)	.228 (5.79)	.296 (7.52)	.351 (8.92)		
69	2.870 (72.90)	2.600 (66.04)	1.515 (38.48)	1.735 (44.07)	1.289 (32.74)	1.357 (34.47)					
100	3.25 (82.55)	2.800 (71.12)	1.800 (45.72)	2.170 (55.12)	1.384 (35.13)	1.452 (36.88)	.271 (6.88)	.333 (8.46)	.460 (11.68)	.303 (7.70)	.550 (13.97)

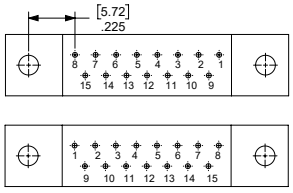
BS TERMINATION
BOARD STRAIGHT CONNECTOR
(REAR VIEW)

0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

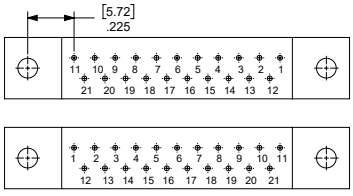
9 Contacts



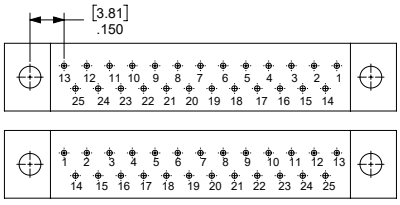
15 Contacts



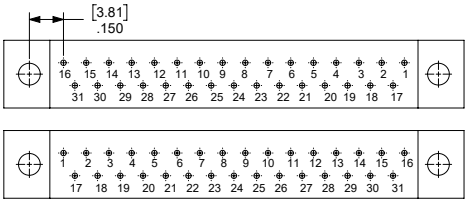
21 Contacts



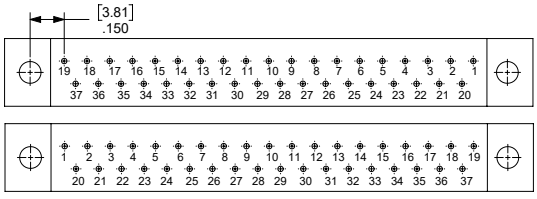
25 Contacts



31 Contacts



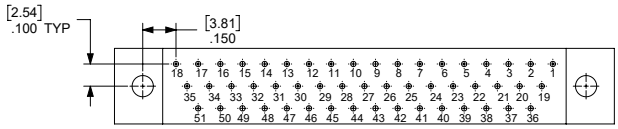
37 Contacts



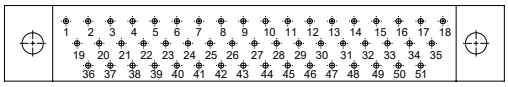
*Cavity identification numbers are for reference only and does not appear on the connector.

51 Contacts

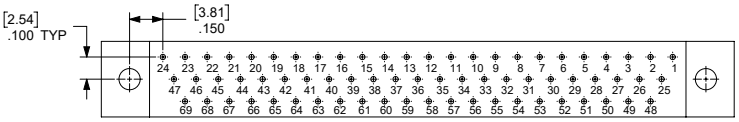
PIN

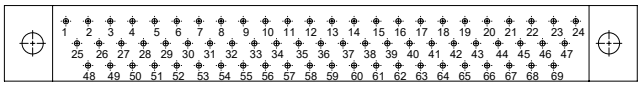


SOCKET



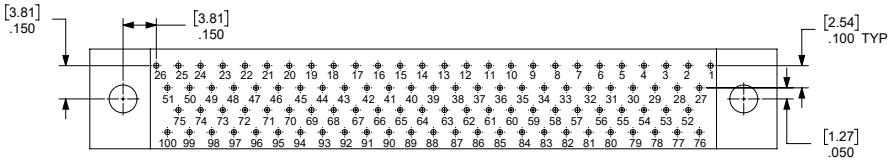
69 Contacts



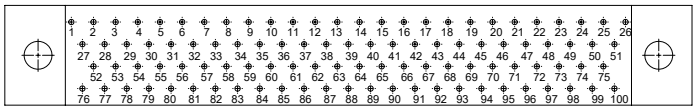


100 Contacts

PIN

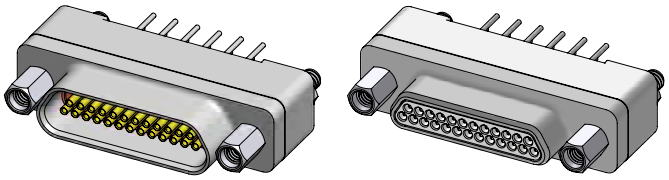


SOCKET

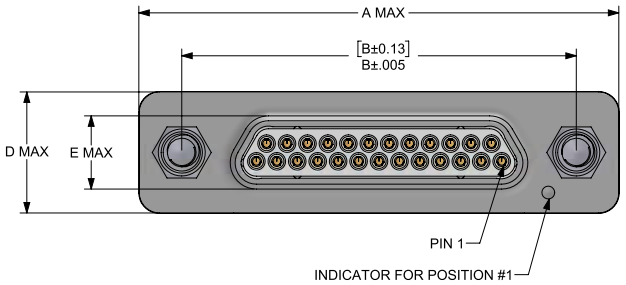


*Cavity identification numbers are for reference only and does not appear on the connector.

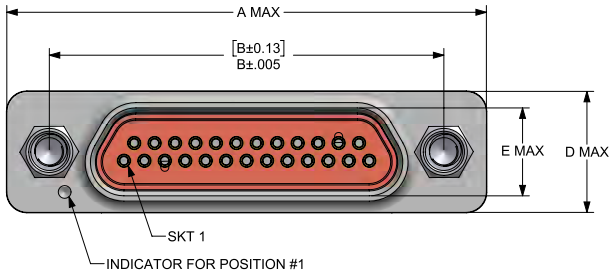
C6 | H6 TERMINATION
BOARD STRAIGHT
CONNECTOR

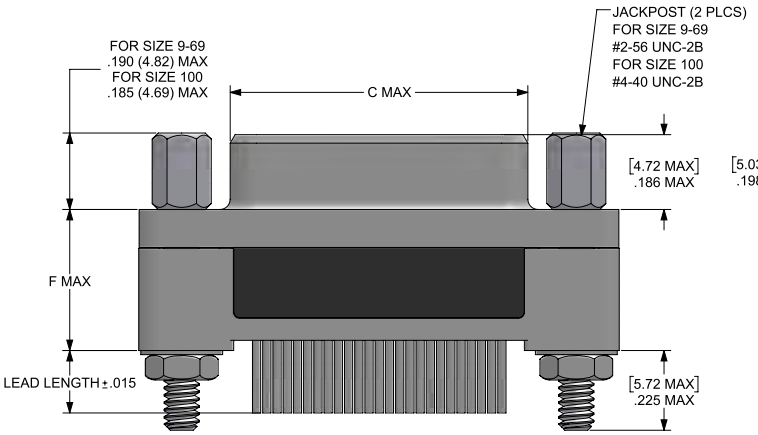


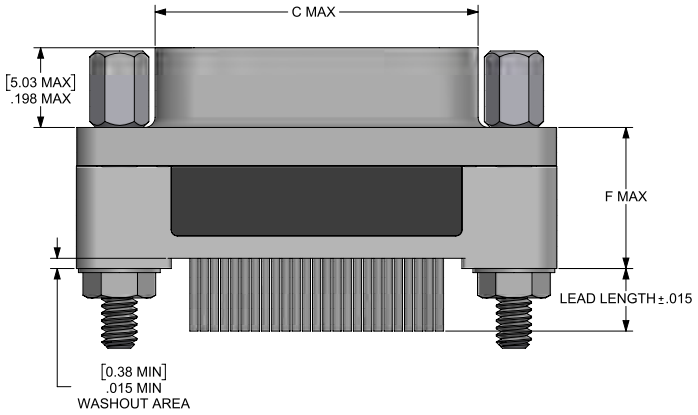
PLUG



RECEPTACLE



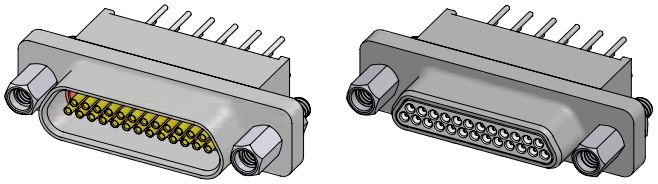




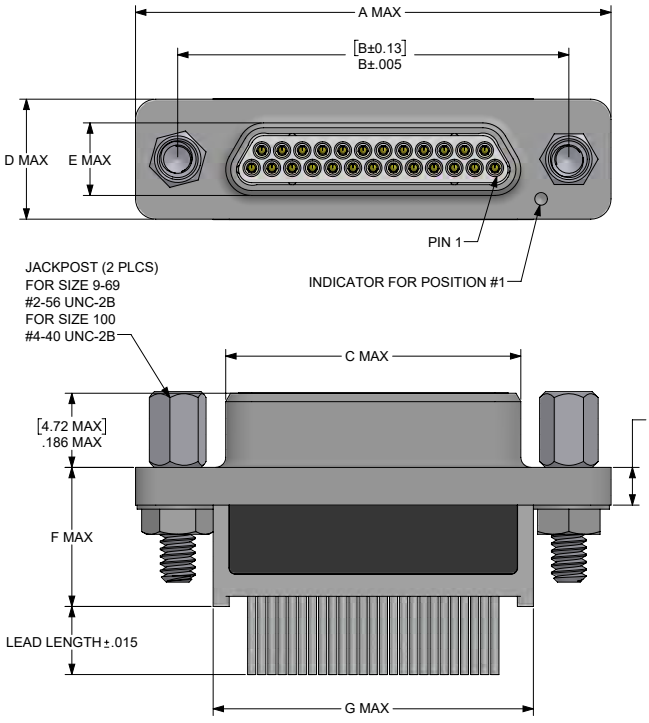
Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX		E MAX		F MAX
			PLUG	RCPT	C6	H6	PLUG	RCPT	
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.400 (10.16)	.310 (7.87)	.310 (7.87)	.185 (4.70)	.251 (6.38)	.355 (9.02)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.550 (13.97)					
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.700 (17.78)					
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.800 (20.32)					
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.950 (24.13)					
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.100 (27.94)					
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.050 (26.67)	.400 (10.16)	.351 (8.92)	.228 (5.79)	.296 (7.52)	
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.355 (34.42)					
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.13)	1.451 (36.86)	.510 (12.95)	.510 (12.95)	.271 (6.88)	.333 (8.46)	.430 (10.92)

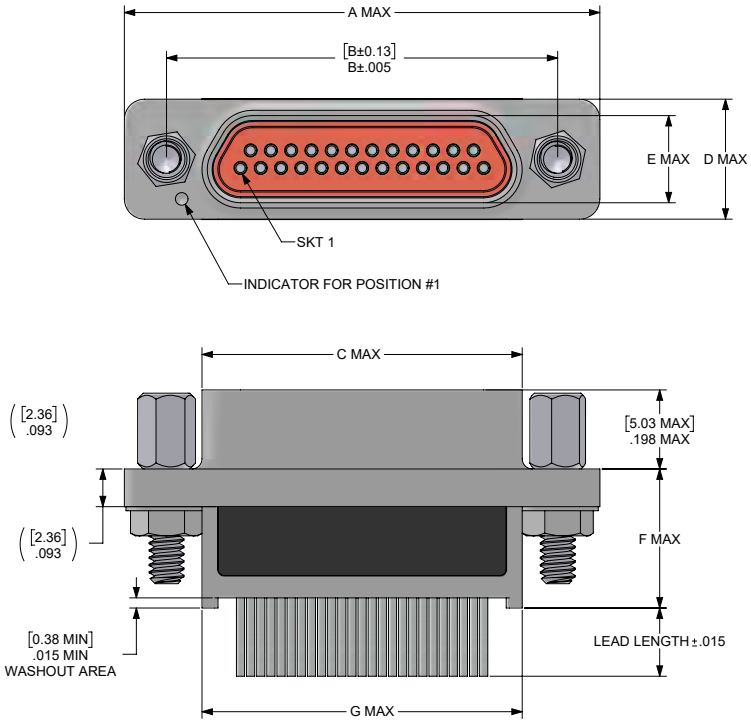
C16 | H16 TERMINATION
BOARD STRAIGHT
CONNECTOR



PLUG



RECEPTACLE



Dimensions are in inch (mm)

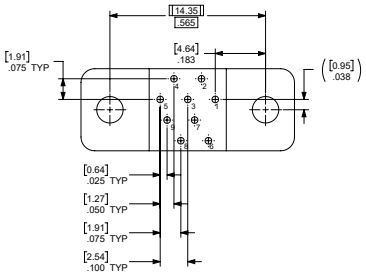
SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX		E MAX		F MAX	G MAX
			PLUG	RCPT	C16	H16	PLUG	RCPT		
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.400 (10.16)	.310 (7.87)	.310 (7.87)	.185 (4.70)	.251 (6.38)	.355 (9.02)	.395 (10.03)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.550 (13.97)						.545 (13.84)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.700 (17.78)						.695 (17.65)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.800 (20.32)						.795 (20.19)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.950 (24.13)						.945 (24.00)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.100 (27.94)						1.095 (27.81)
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.050 (26.67)	.351 (8.92)	.351 (8.92)	.228 (5.79)	.296 (7.52)		1.050 (26.67)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.355 (34.42)						1.350 (34.29)
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.15)	1.451 (36.86)	.470 (11.94)	.470 (11.94)	.271 (6.88)	.333 (8.46)	.430 (10.92)	1.450 (36.83)

C6 | C16 TERMINATION
BOARD STRAIGHT
CONNECTOR

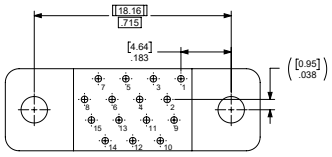
Mating Face — Mil. Spec. standard spacing

PIN

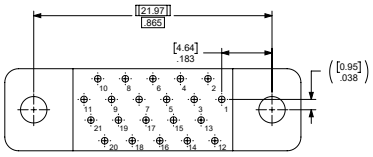
9 Contacts



15 Contacts



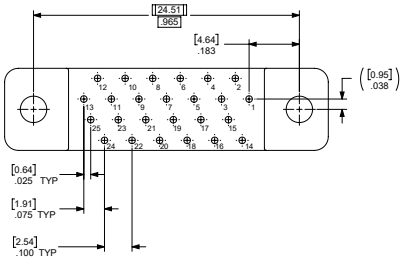
21 Contacts



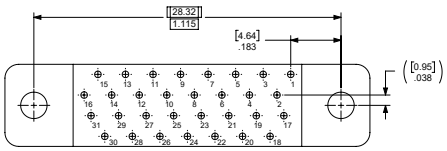
SOCKET



25 Contacts



31 Contacts



PIN

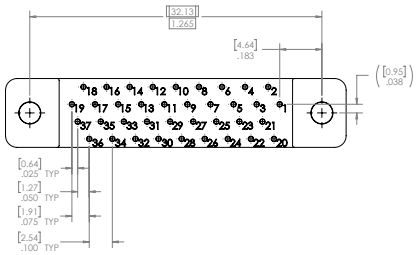
SOCKET



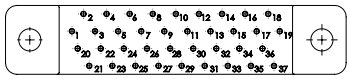
*Cavity identification numbers are for reference only and does not appear on the connector.

37 Contacts

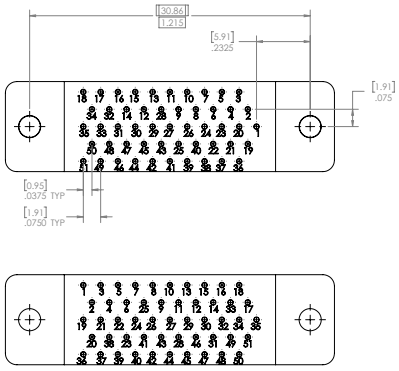
PIN



SOCKET

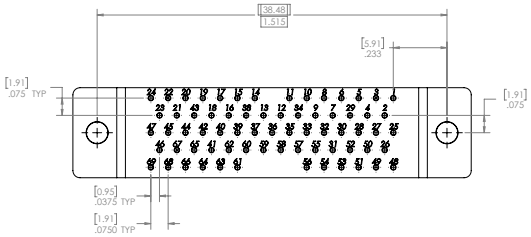


51 Contacts

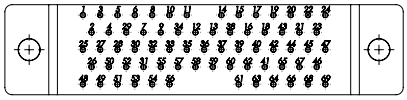


69 Contacts

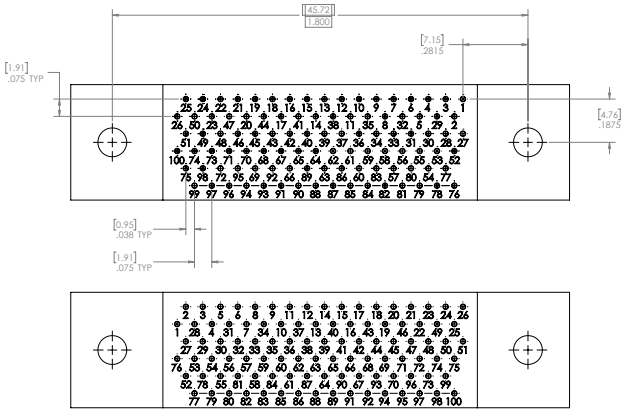
PIN



SOCKET



100 Contacts



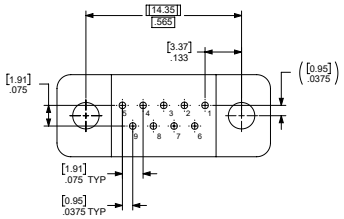
*Cavity identification numbers are for reference only and does not appear on the connector.

H6 | H16 TERMINATION
BOARD STRAIGHT
CONNECTOR

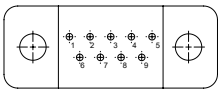
Mating Face

9 Contacts

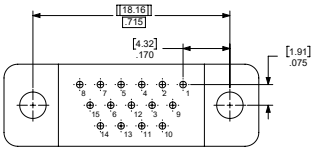
PIN

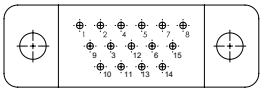


SOCKET

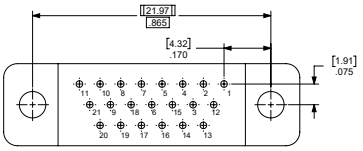


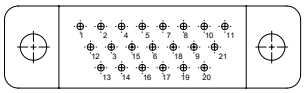
15 Contacts





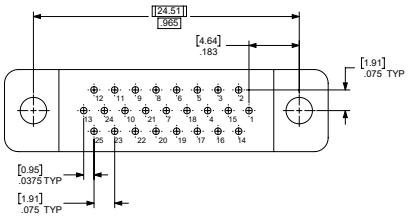
21 Contacts



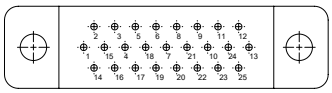


25 Contacts

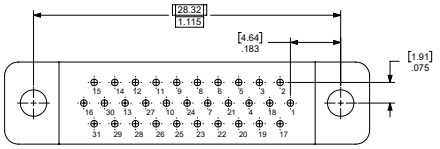
PIN

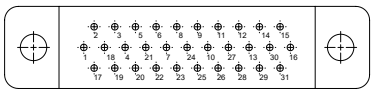


SOCKET



31 Contacts





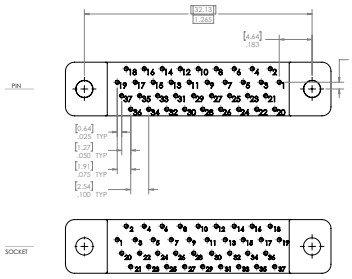
*Cavity identification numbers are for reference only and does not appear on the connector.

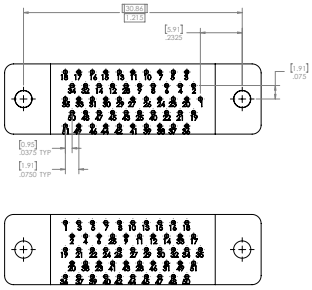
37 Contacts

51 Contacts

PIN

SOCKET



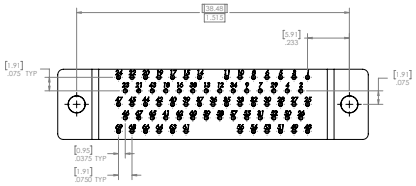


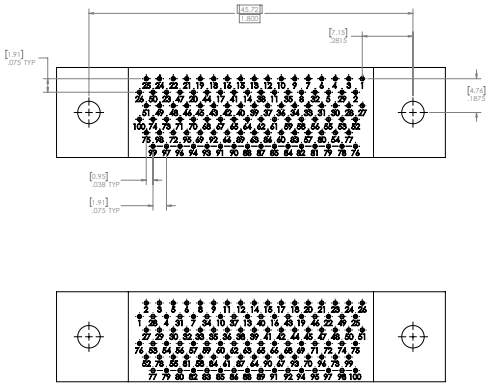
69 Contacts

100 Contacts

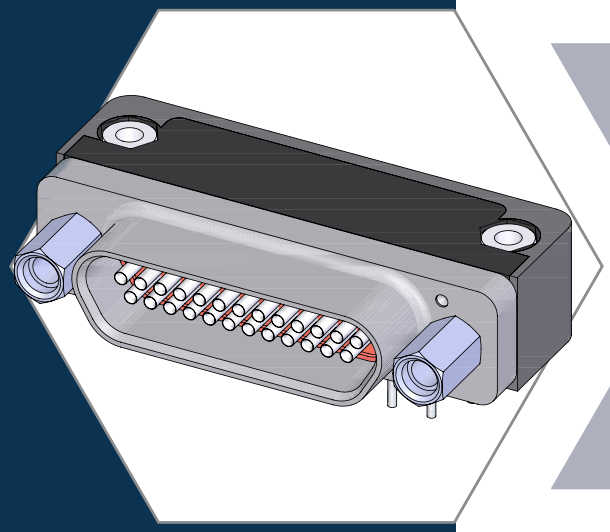
PIN

SOCKET





*Cavity identification numbers are for reference only and does not appear on the connector.



REVERSED STANDARD PROFILE

110 SERIES

Introducing the Amphenol ACC110 Series Micro-D Connector, engineered with a reverse Standard profile design for precise polarization reversal. Crafted with a durable metal shell, it ensures reliability in compact spaces.

Featuring solid copper 24 AWG PCB leads, tin plated, and solder dipped, it delivers optimal connectivity performance.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Finish	Metal	» Anodized (Black) » Zinc Nickel (Black Chromate) » Cadmium (Yellow Chromate) » Olive Drab Cadmium » Chem Film » Electroless Nickel » Gold » Zinc Nickel - 48 hrs » Pure Electro-Deposited Al » Nickel fluorocarbon polymer
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent;
	High Temp		EP173859 or equivalent
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

PCB CONNECTORS

- Polarization is reversed from a standard series 100 CBR type connector.
- Only available in metal shell
- Solid copper 24 AWG PCB leads, tin plated, and solder dipped.

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware	9 Threaded Insert	10 Lead Length		11 Non-Standard Length Code
E	110	R	N	25	P	–	CBR	P	T	F	–	125

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

110	Reversed CBR Type per M83513
114	Reversed CBR Type per M83513 (Passivated Stainless Steel)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 114 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer (PTFE) / Durmalon

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69†	

† *Non-military spec. (I.A.W M83513)*

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Termination Type
Other Types Available

CBR	Narrow Right Angle PCB Per M83513 /10 - /15

8 Hardware — Pre-installed by factory
Metric Codes Available

JACKPOSTS	
P	Standard Jackpost

REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

8 Hardware — Pre-installed by factory
Metric Codes Available *Continued*

MOUNTING HOLE	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)

9 Threaded Insert *

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9-69)
U	#4-40 Threaded Insert (Size 100 Only)
V	M2 Threaded Insert (Size 9-69)
Z	M3 Threaded Insert (Size 100 Only)

* *Pre-installed PCB mounting options*

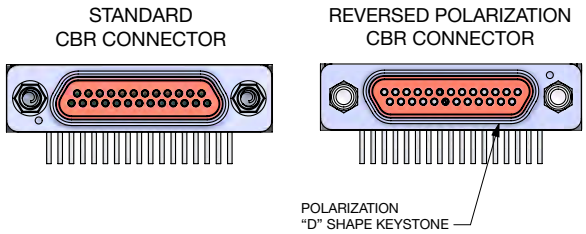
10 Lead Length – Dimensions in inches

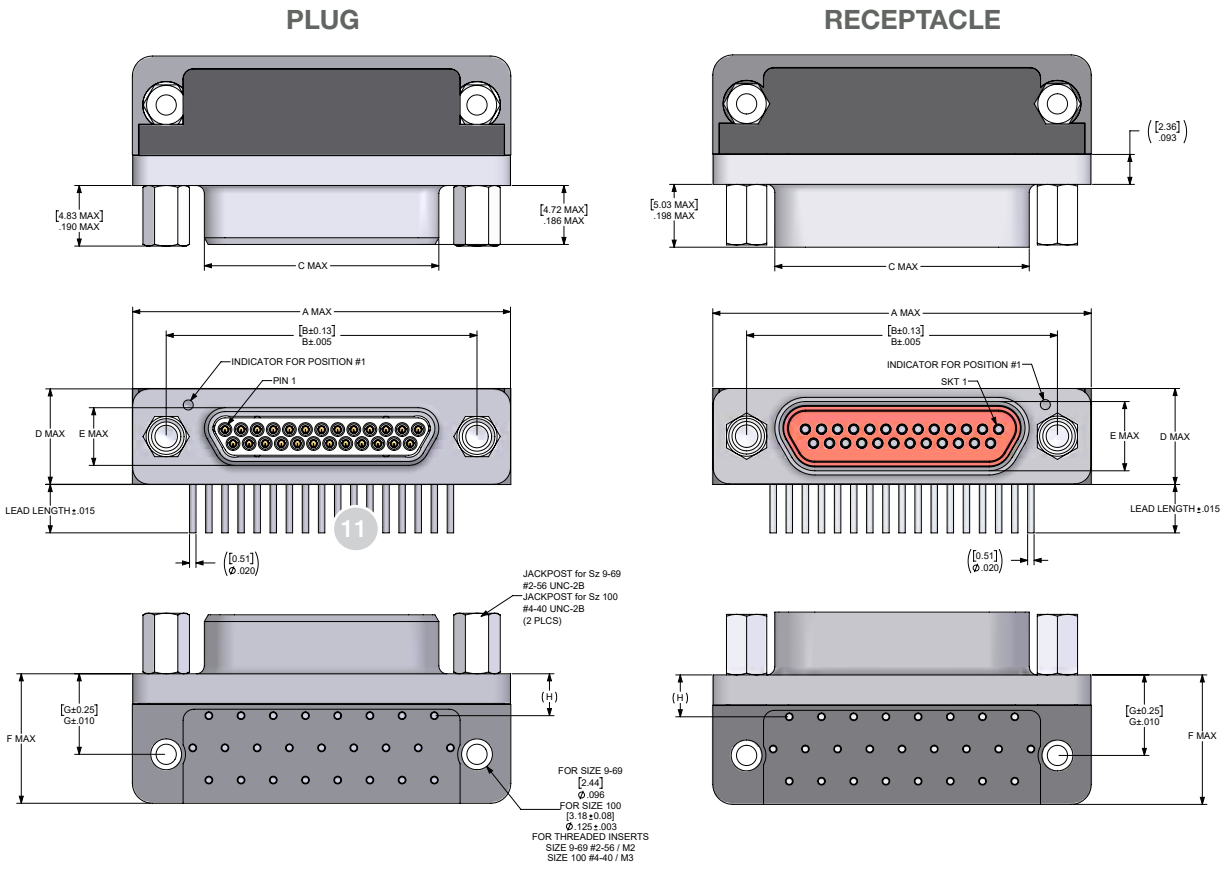
1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

11 Non-Standard Length Code
Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE





Dimensions are in inch (mm)

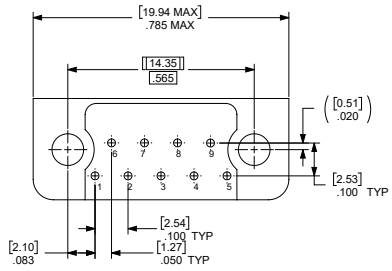
SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX	E MAX		F MAX	G ±0.010 (0.25)	H ±0.010 (0.25)
			PLUG	RCPT		PLUG	RCPT			
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.308 (7.82)	.185 (4.70)	.253 (6.43)	.420 (10.67)	.250 (6.35)	.230 (5.84)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)						.130 (3.30)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)						
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)						
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)				.520 (13.21)		
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.22)	1.102 (27.99)						
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.351 (8.92)	.228 (5.79)	.296 (7.52)	.650 (16.15)	.300 (7.62)	.150 (3.81)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)				.755 (19.18)		
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.15)	1.452 (36.88)	.394 (10.01)	.271 (6.88)	.394 (10.01)	1.000 (25.40)	.400 (10.16)	.200 (5.08)

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

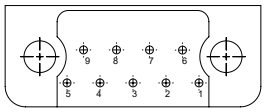
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

9 Contacts

PIN

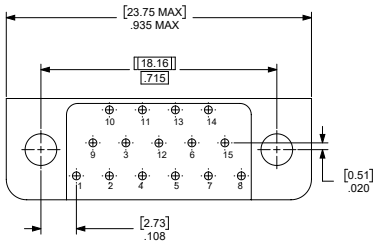


SOCKET

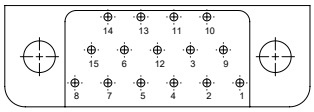


15 Contacts

PIN

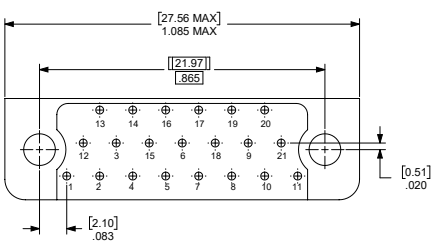


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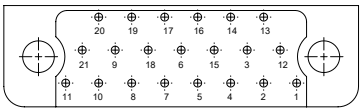


21 Contacts

PIN

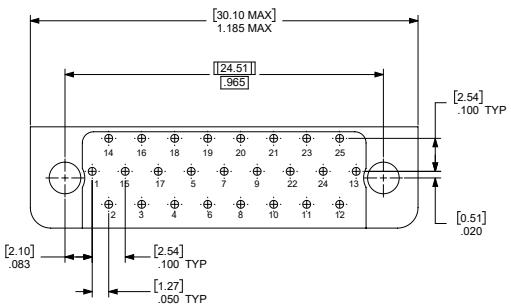


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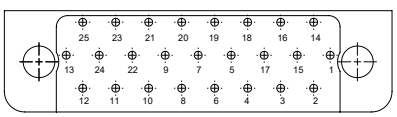


25 Contacts

PIN

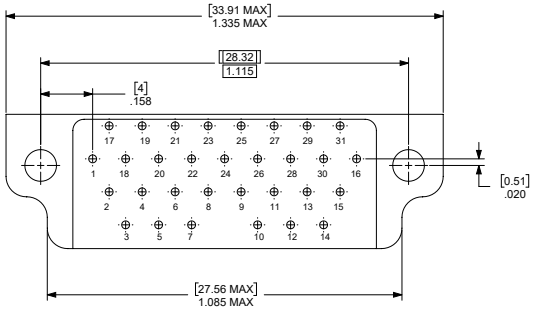


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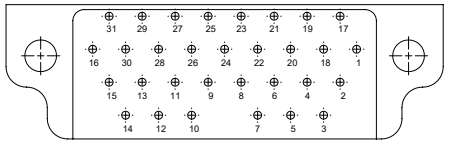


31 Contacts

PIN



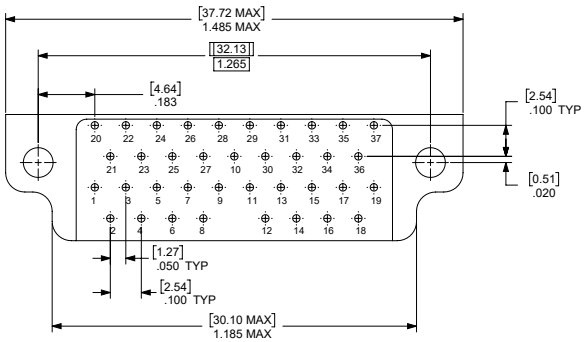
SOCKET



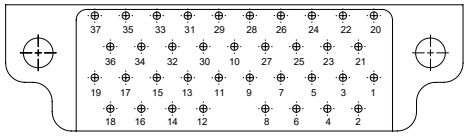
*Cavity identification numbers are for reference only and does not appear on the connector.

37 Contacts

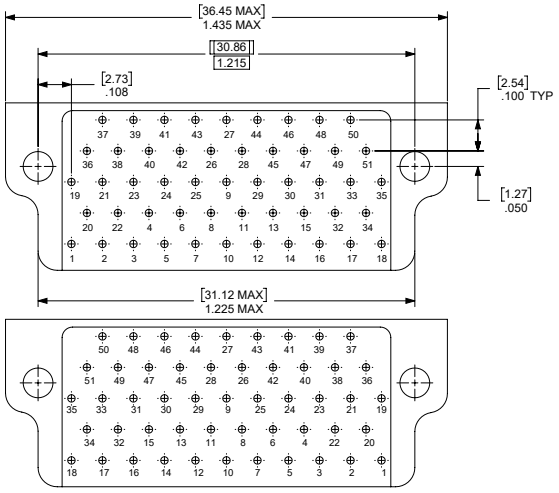
PIN



SOCKET

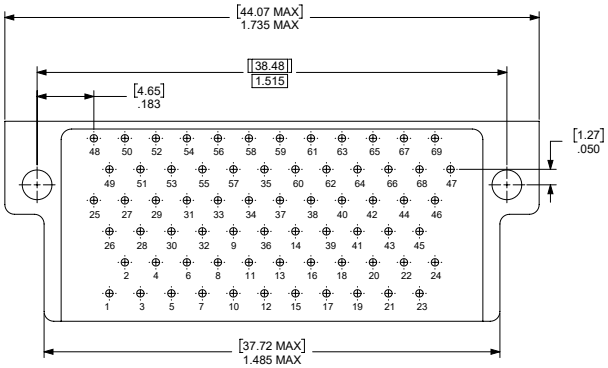


51 Contacts

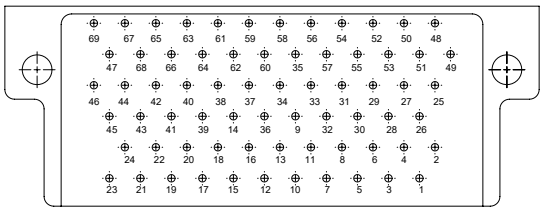


100 Contacts

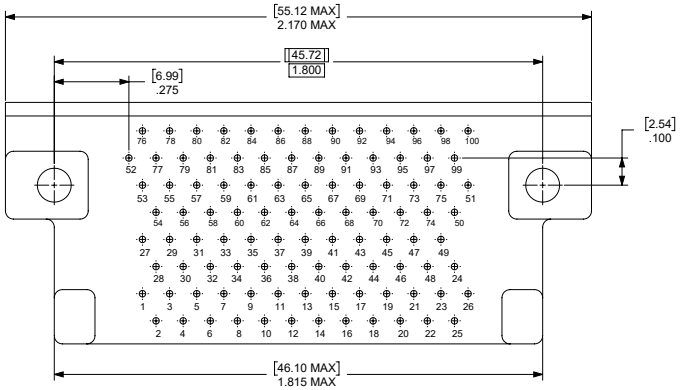
PIN

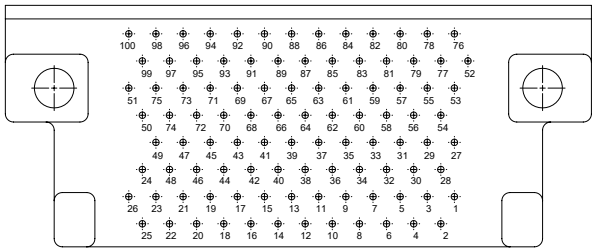


SOCKET



69 Contacts





*Cavity identification numbers are for reference only and does not appear on the connector.



LOW PROFILE

108 SERIES

The 108 Series Micro-D Connectors are a remarkable space-saving solution offering RFI/EMI shielding and pre-wiring. While keeping the same dimensions as plastic standards, it offers more flexibility with its lower flange height.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Finish	Metal	» Anodized (Black) » Zinc Nickel (Black Chromate) » Cadmium (Yellow Chromate) » Olive Drab Cadmium » Chem Film » Electroless Nickel » Gold » Zinc Nickel - 48 hrs » Pure Electro-Deposited Al » Nickel fluorocarbon polymer
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

- Metal shells to provide RFI/EMI shielding
- Ideal for tight spaces
- Intermateable with 101R and 108R only

HARNESSED CONNECTORS

- Reduced flange height in comparison with standard 100 Series connectors
- Pre-wired and fully potted

PCB CONNECTORS

- Reduced flange height in comparison with standard 100 Series CBR connectors
- Solid copper 24 AWG PCB leads tin plated, and solder dipped
- Meets performance requirements of MIL-DTL-83513

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	108	R	N	15	P	–	3	E	6	F	M2	–	20

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

108	Low Profile Metal Shell
148	Low Profile Shell (Passivated Stainless Steel)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 148 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69▲	

▲ *Non-military spec. (I.A.W M83513)*

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Wire Size (AWG)

1	32	4*	26 (M83513)
2	30	5†	25
3	28	6	24
SOLDER CUP			
Omit for Standard Solder Cup		7	Special 24 AWG

* *M83513 Standard*
† *Solid Wire Only*

8 Wire Type

	Omit for Standard Solder Cup
GENERAL APPLICATIONS	
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
MILITARY APPLICATIONS	
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Color / Finish

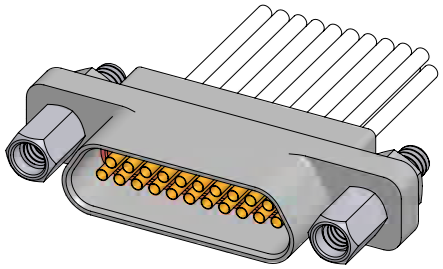
	Omit for Solder Cup
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf
7	1st 15 colors black thru white/Yellow Repeated (Size 21+ Only)
8	Twisted Pairs, White/Blue
9	Twisted Pairs, White/Blue, Marked

10 Wire Length – Dimensions in inches

	Omit for Standard Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Hardware — Pre-installed by factory
Metric Codes Available

JACKSCREWS	
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew



Hardware — Pre-installed by factory (11)
Metric Codes Available
Continued

JACKPOSTS		
P	Standard Jackpost	
REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)
MOUNTING HOLE		
B	Standard Mounting Holes	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)	
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)	
FLOAT MOUNT		
F	Forward Float Mount	
R	Reverse Float Mount	

Non-Standard Length Code (12)
Pre-installed by factory

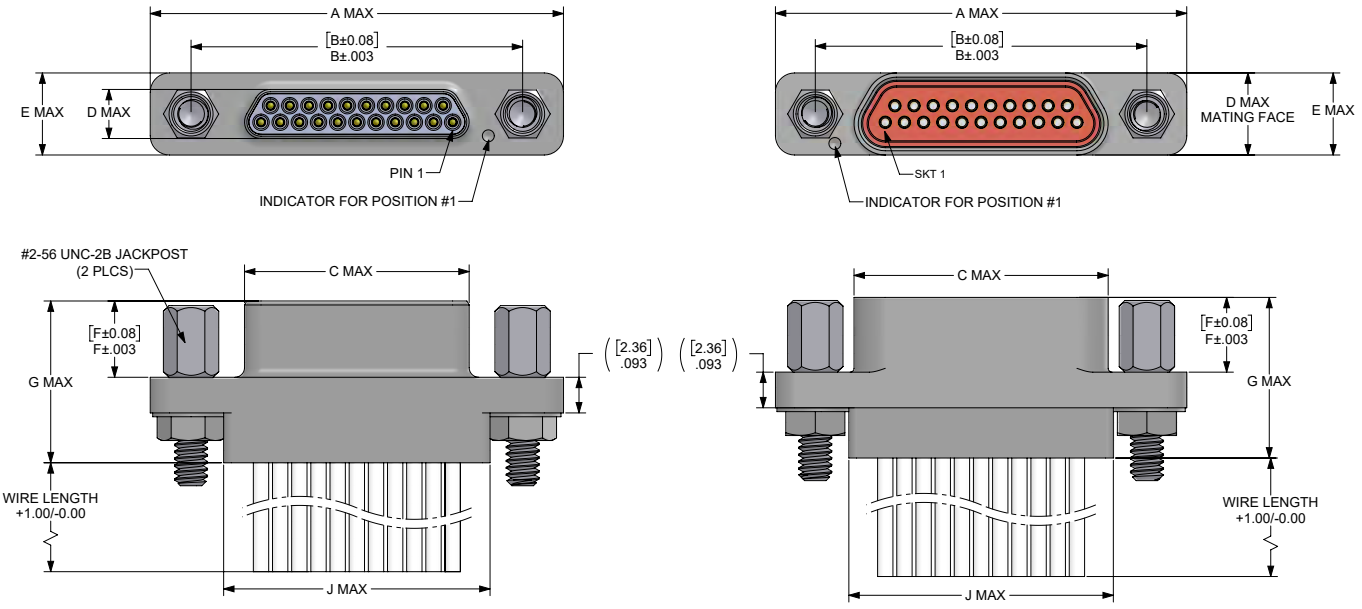
Stranded Wire	1 = 1.00" 100 = 100.00"

FOR MORE INFORMATION

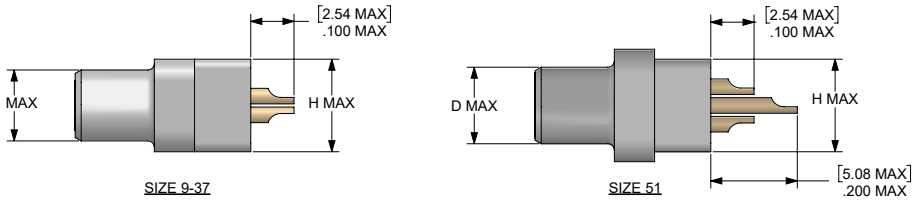
GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**

CRIMP/WIRE TERMINATION



SOLDER CUP TERMINATION
PLUG/RECEPTACLE



Dimensions are in inch (mm)

SIZE	A MAX	B ±.005 (0.13)	C MAX		D MAX		E MAX	F MAX		G MAX		H MAX	J MAX
			PLUG	RCPT	PLUG	RCPT		PLUG	RCPT	PLUG	RCPT		
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.134 (3.40)	.218 (5.54)	.218 (5.54)	.199 (5.05)	.180 (4.57)	.390 (9.91)	.377 (9.58)	.175 (4.45)	.405 (10.29)
15	.938 (23.83)	.715 (18.16)	.442 (11.23)	.530 (13.46)									.555 (14.10)
21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)									.705 (17.91)
25	1.188 (30.18)	.965 (24.51)	.692 (17.58)	.780 (19.81)									.805 (20.45)
31	1.338 (33.99)	1.115 (28.32)	.842 (21.39)	.930 (23.62)									.955 (24.26)
37	1.488 (37.80)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)									1.105 (28.07)
51	1.438 (36.53)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.177 (4.50)	.260 (6.60)	.260 (6.60)					.220 (5.59)	1.058 (26.87)

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware	9 Threaded Insert	10 Lead Length		11 Non-Standard Length Code
E	108	R	N	25	P	–	CBR	P	T	F	–	125

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

108	Low Profile Metal Shell
118	Reversed Low Profile Metal Shell
148	Low Profile Metal Shell (Passivated Stainless Steel)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 148 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51
15	25	37	

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Termination Type
Other Types Available

CBR	Narrow Right Angle

8 Hardware — Pre-installed by factory
Metric Codes Available

JACKPOSTS	
P	Standard Jackpost

REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
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SG	Slot	.067 - .077" (1.70 - 1.96 mm)

8 Hardware — Pre-installed by factory
Metric Codes Available
Continued

MOUNTING HOLE	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)

9 Threaded Insert *

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9-69)
V	M2 Threaded Insert (Size 9-69)

** Pre-installed PCB mounting options*

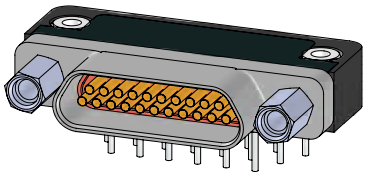
10 Lead Length – Dimensions in inches

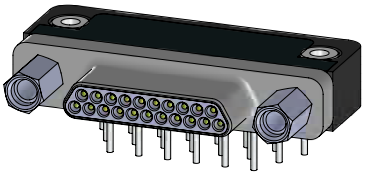
1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

11 Non-Standard Length Code
Dimensions in inches

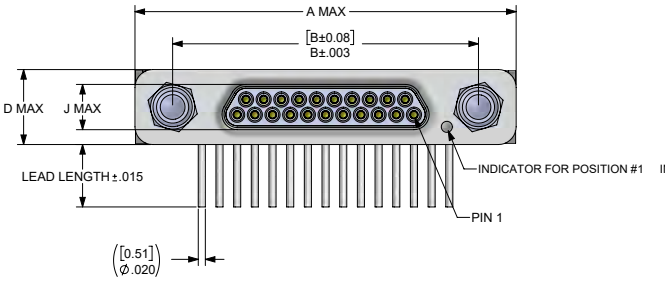
Stranded Wire	1 = 1.00" 100 = 100.00"

CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
LOW PROFILE

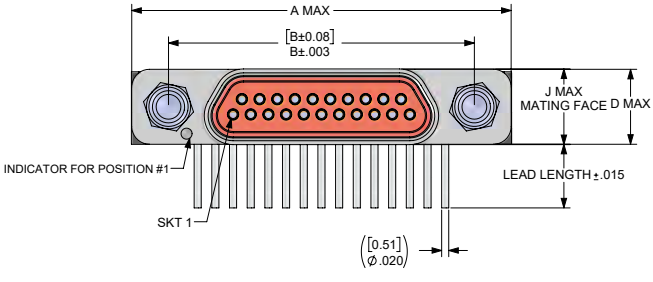




PLUG



RECEPTACLE



Dimensions are in inch (mm)

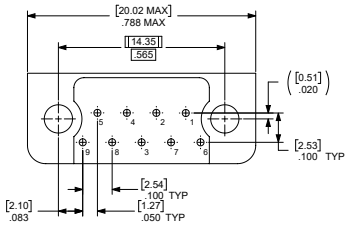
SIZE	A MAX	B ±.005 (0.13)	C MAX		D MAX	E MAX	F MAX	G MAX		H MAX	J MAX	
			PLUG	RCPT				PLUG	RCPT		PLUG	RCPT
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.218 (5.54)	.250 (6.35)	.425 (10.80)	.202 (5.13)	.185 (4.70)	.230 (5.84)	.134 (3.40)	.218 (5.54)
15	.938 (23.83)	.715 (18.16)	.442 (11.23)	.530 (13.46)						.130 (3.30)		
21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)								
25	1.188 (30.18)	.965 (24.51)	.692 (17.58)	.780 (19.81)								
31	1.338 (33.99)	1.115 (28.32)	.842 (21.39)	.930 (23.62)			.525 (13.34)					
37	1.488 (37.80)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)								
51	1.438 (36.53)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.260 (6.60)	.300 (7.62)	.660 (16.76)			.150 (3.81)	.177 (4.50)	.260 (6.60)

CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
LOW PROFILE

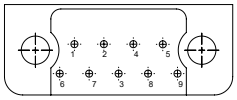
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27] — Mil. Spec. standard spacing

9 Contacts

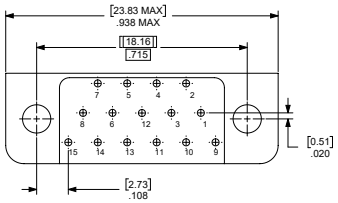
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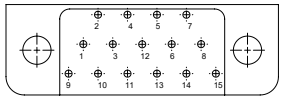


SOCKET

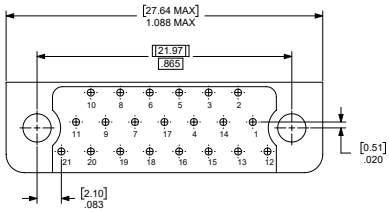


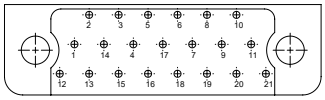
15 Contacts





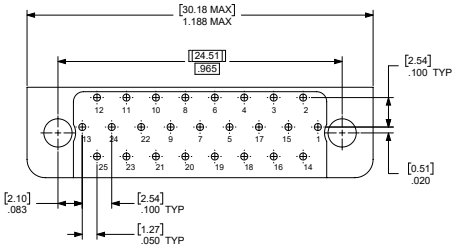
21 Contacts



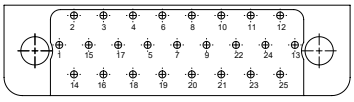


25 Contacts

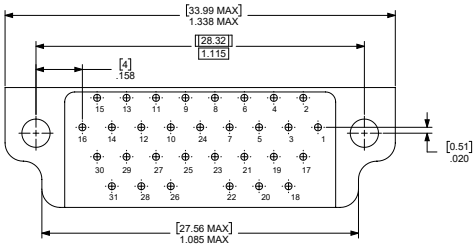
PIN

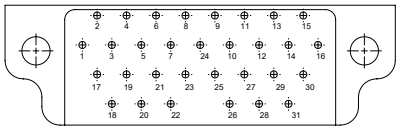


SOCKET



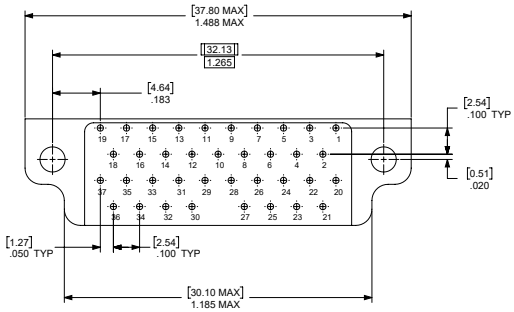
31 Contacts



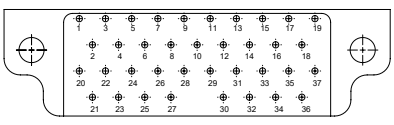


37 Contacts

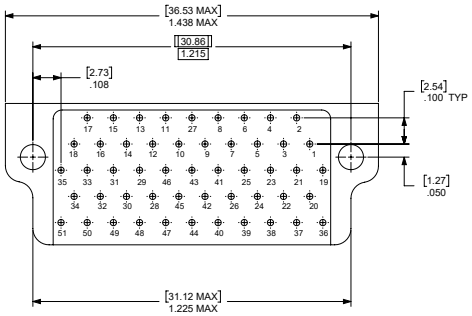
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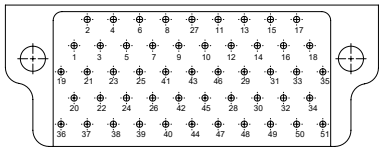


SOCKET



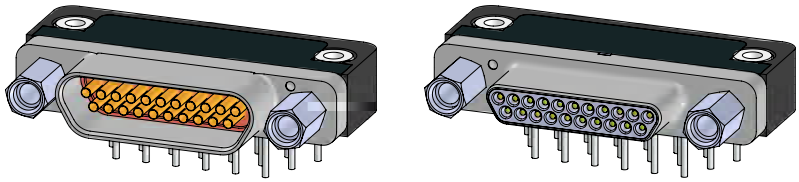
51 Contacts



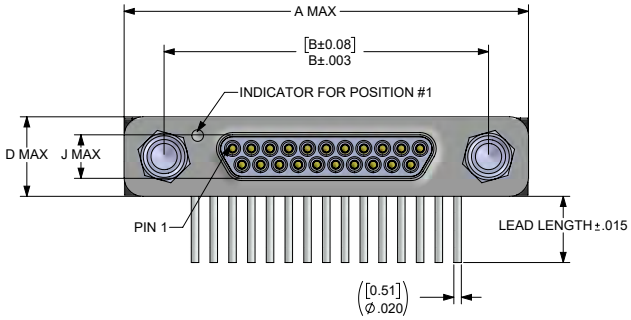


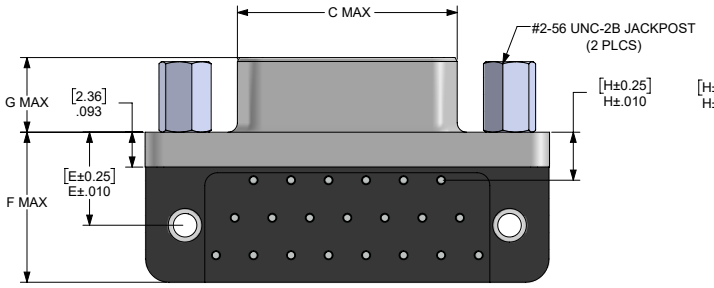
*Cavity identification numbers are for reference only and does not appear on the connector.

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
LOW PROFILE

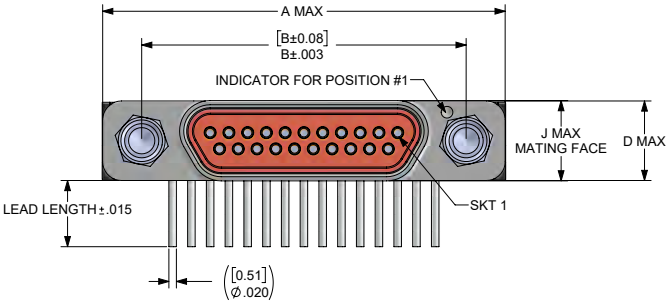


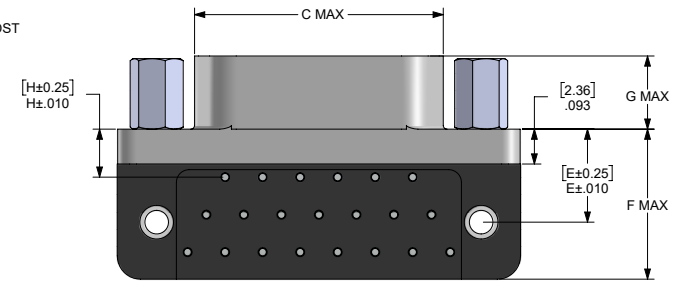
PLUG





RECEPTACLE





Dimensions are in inch (mm)

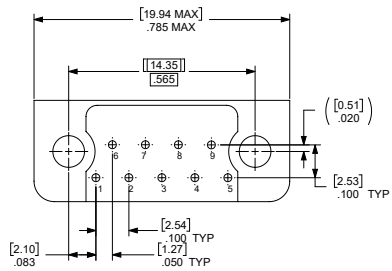
SIZE	A MAX	B ±.005 (0.13)	C MAX		D MAX	E MAX	F MAX	G MAX		H MAX	J MAX	
			PLUG	RCPT				PLUG	RCPT		PLUG	RCPT
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.218 (5.54)	.250 (6.35)	.425 (10.80)	.202 (5.13)	.185 (4.70)	.230 (5.84)	.134 (3.40)	.218 (5.54)
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21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)								
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37	1.488 (37.80)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)								
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REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
LOW PROFILE

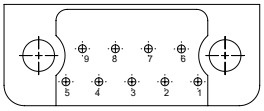
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

9 Contacts

PIN

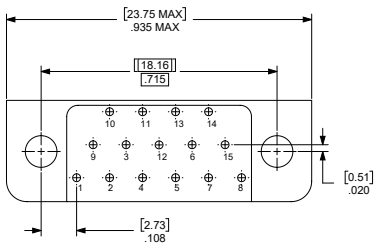


SOCKET

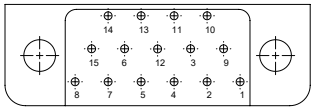


15 Contacts

PIN

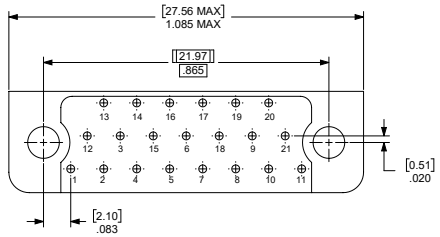


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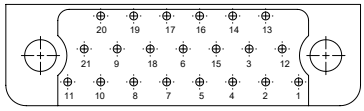


21 Contacts

PIN

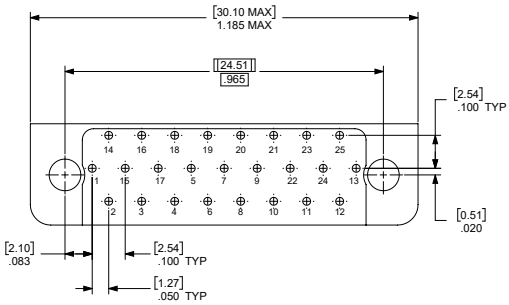


SOCKET

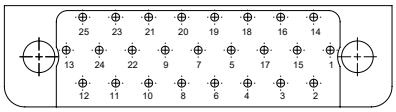


25 Contacts

PIN

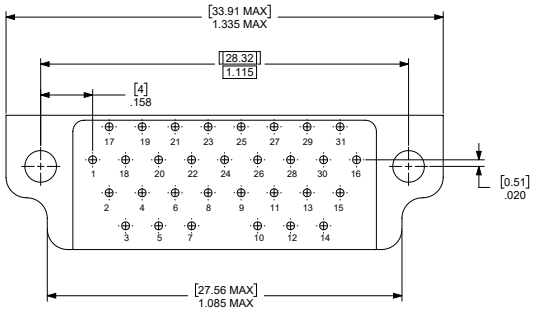


SOCKET

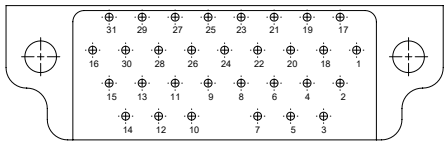


31 Contacts

PIN



SOCKET



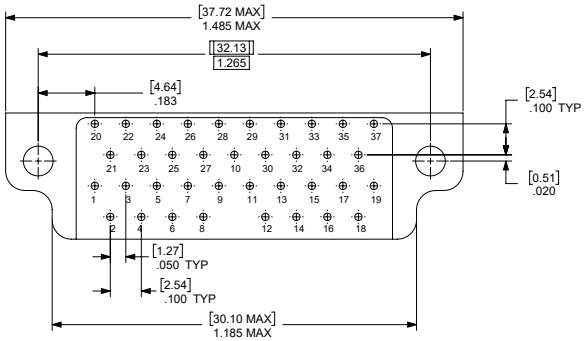
*Cavity identification numbers are for reference only and does not appear on the connector.

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
LOW PROFILE

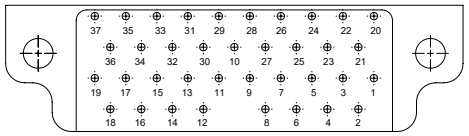
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

37 Contacts

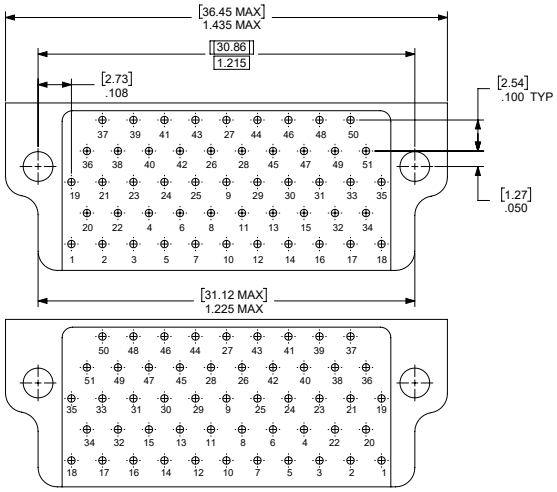
PIN



SOCKET

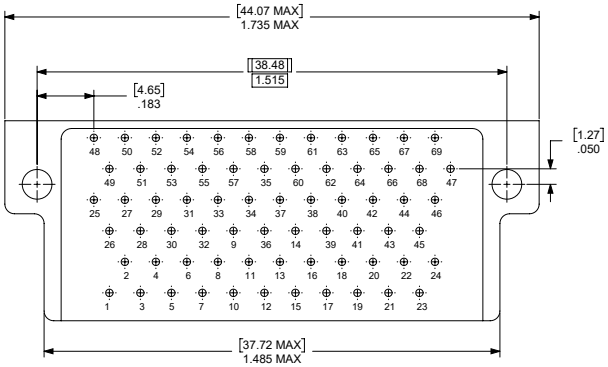


51 Contacts

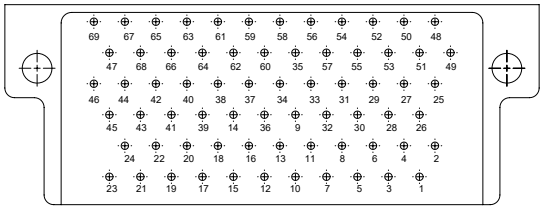


100 Contacts

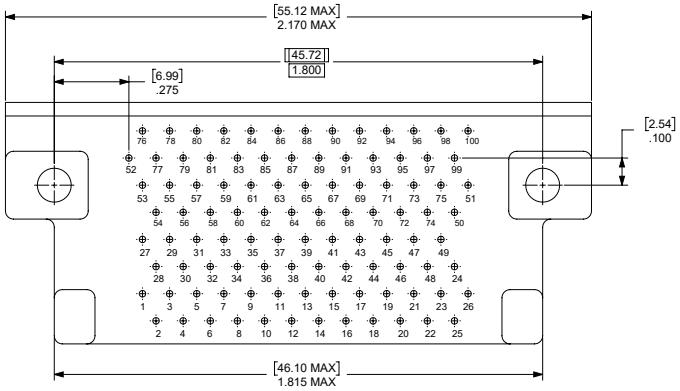
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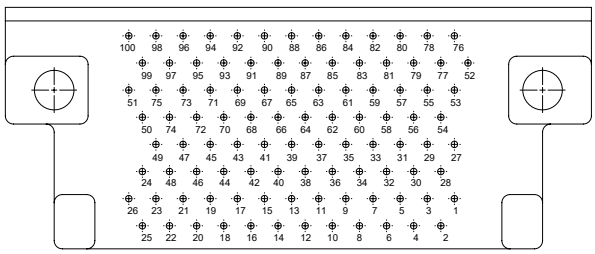


SOCKET



69 Contacts

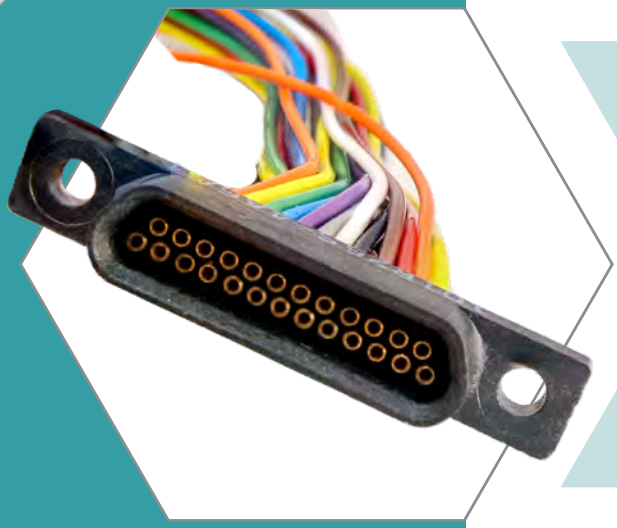




*Cavity identification numbers are for reference only and does not appear on the connector.

MIL-DTL-83513
QUALIFIED SUPPLIER

Amphenol ACC
Advanced Compact Connectors



PLASTIC LOW PROFILE

101 SERIES

Discover the Amphenol ACC 101 Series Micro-D Connector, engineered for tight spaces. Featuring a high-performance thermoplastic shell and a low-profile design, it ensures durability and space efficiency.

SPECIFICATIONS

Body		Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material	Copper alloy, 50 micro-inches gold plate over nickel
	Spacing	0.050" (1.27mm) centers
	Quantity	9 | 15 | 21 | 25 | 31 | 37 | 51
Hardware		Stainless steel, passivated
Potting Material	Standard	EP1730-1 or equivalent
	High Temp	EP173859 or equivalent
Wire	Insulated	MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated	Copper per A-A-59551 (QQ-W-343)
Coupling		Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

- Ideal for tight spaces
- High-performance thermoplastic shell resistance to aggressive chemical environments
- Stable dielectric and insulating properties

HARNESSED CONNECTORS

- Reduced flange height in comparison with standard 100 series connectors
- Pre-wired and fully potted

PCB CONNECTORS

- Reduced flange height in comparison with standard 100 series PCB connectors
- Available in straight and right angle termination style
- Solid copper 24 AWG PCB leads, Tin plated, and solder dipped

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Connector Size	5 Connector Type		6 Wire Size (AWG)	7 Wire Type	8 Wire Finish	9 Wire Length	10 Hardware		11 Non-Standard Length Code
E	101	R	25	P	–	4	A	5	F	P	–	48

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

101	Low Profile All Plastic Shell per M83513

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Connector Size (Number of contacts)

09	21	31	51
15	25	37	

5 Connector Type

P	Plug
S*	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

** Interfacial seal not include*

6 Wire Size (AWG)

1	32	4*	26 (M83513)
2	30	5†	25
3	28	6	24
SOLDER CUP			
Omit for Standard Solder Cup		7	Special 24 AWG

** M83513 Standard*
† Solid Wire Only

7 Wire Type

	Omit for Standard Solder Cup
	GENERAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
	MILITARY APPLICATIONS
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

8 Wire Color / Finish

	Omit for Standard Solder Cup
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf
7	1st 15 colors black thru white/Yellow Repeated (Size 21+ Only)
8	Twisted Pairs, White/Blue
9	Twisted Pairs, White/Blue, Marked

9 Wire Length – Dimensions in inches

	Omit for Standard Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	0.50 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

10 Hardware — Pre-installed by factory
Metric Codes Available

JACKPOSTS		
P	Standard Jackpost	
REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

Hardware — Pre-installed by factory 10
Metric Codes Available
Continued

MOUNTING HOLE	
B	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
FLOAT MOUNT	
F	Forward Float Mount
R	Reverse Float Mount
JACKSCREWS	
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew

Non-Standard Length Code 11
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

FOR MORE INFORMATION

GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**

M83513 QUALIFIED

SOLDER CUP TERMINATION

PART NUMBER KEY

1 Connector Series		2 Specification Sheet		3 Insert Arrangement
M83513	/	06	-	A

1 Connector Series

M83513	Micro-D MIL-DTL-83513 spec.

2 Specification Sheet

06	Plug (pin)
07	Receptacle (socket)

3 Insert Arrangement

A	9	C	21	E	31	G	51
B	15	D	25	F	37		

CRIMP TERMINATION

PART NUMBER KEY

1 Connector Series		2 Specification Sheet		3 Insert Arrangement	4 Wire Type
M83513	/	08	-	F	01

1 Connector Series

M83513	Micro-D MIL-DTL-83513 spec.

2 Specification Sheet

08	Plug (pin)
09	Receptacle (socket)

3 Insert Arrangement

A	9	C	21	E	31	G	51
B	15	D	25	F	37		

4 Wire Type*

01	M22759/11-26-9, 18”
02	M22759/11-26-9, 36”

4 Wire Type* *Continued*

03	M22759/11-26-[ ] ,18”
04	M22759/11-26-[ ] ,36”
05	A-A-59551, Type S, 25 AWG, except shall be gold plated 10 micro-inches; 0.5”
06	A-A-59551, TYPE S, 25 AWG,except shall be gold plated 10 micro-inches; 1.0”
07	A-A-59551, TYPE S, 25 AWG, tin plated 100 micro-inches; 0.5”
08	A-A-59551, TYPE S, 25 AWG, tin plated 100 micro-inches; 1.0”
09	M22759/33-26-9, 18”
10	M22759/33-26-9, 36”
11	M22759/33-26-[ ], 18”
12	M22759/33-26-[ ], 36”
13	M22759/11-26-9, 72”
14	M22759/11-26-[ ], 72”

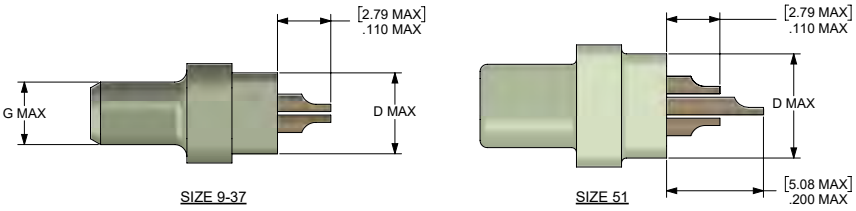
4 Wire Type* *Continued*

15	M22759/33-26-9, 72”
16	M22759/33-26[ ], 72”
17	04035-26A-9,18”
18	04035-26A-9, 36”
19	04035-26A-9, 72”
20	04035-26A-[ ], 18”
21	04035-26A-[ ], 36”
22	04035-26A-[ ], 72”

* *All wire lengths (inches) +1.0"/-0.0"*

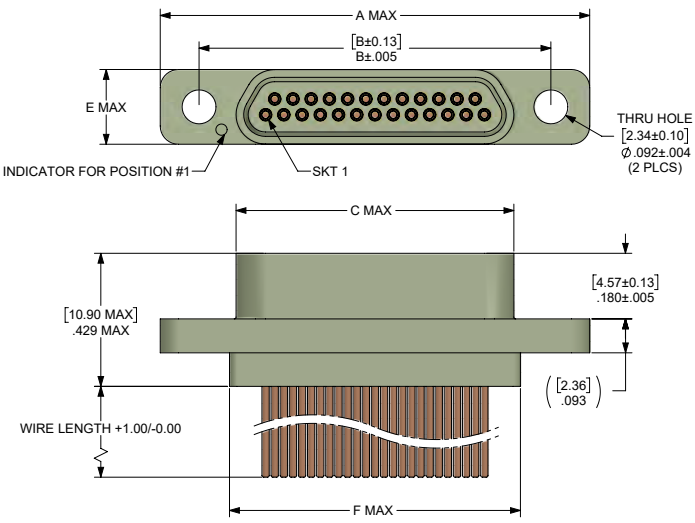
Notes:
[1] Mounting and mating hardware to be ordered separately per M83513

SOLDER CUP TERMINATION PLUG/RECEPTACLE
M83513/06 & /07

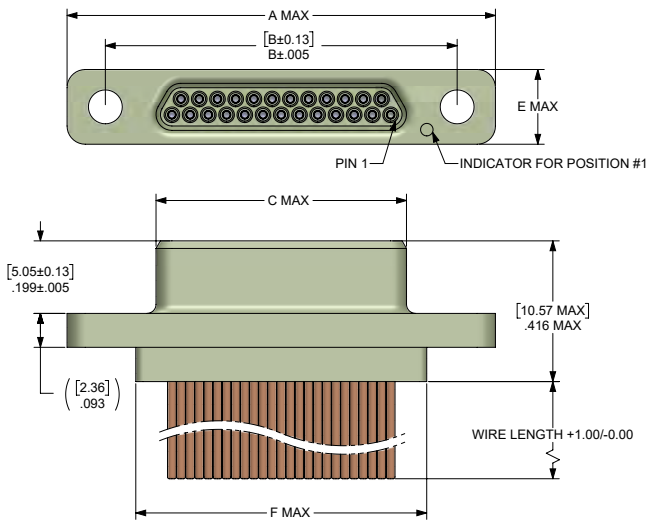


CRIMP/WIRE TERMINATION
M83513/08 & /09

RECEPTACLE



PLUG



Dimensions are in inch (mm)

SIZE	A MAX	B ±.005 (0.13)	C MAX		D MAX	E MAX	F MAX	G MAX	
			PLUG	RECEPTACLE				PLUG	RECEPTACLE
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.173 (4.39)	.218 (5.54)	.408 (10.36)	.134 (3.40)	.218 (5.54)
15	.938 (23.82)	.715 (18.16)	.442 (11.23)	.530 (13.46)			.558 (14.17)		
21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)			.708 (17.98)		
25	1.188 (30.18)	.965 (24.51)	.692 (17.58)	.780 (19.81)			.808 (20.56)		
31	1.338 (33.98)	1.115 (28.32)	.842 (21.39)	.930 (23.62)			.958 (24.33)		
37	1.488 (37.80)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)			1.108 (28.14)		
51	1.438 (36.52)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.220 (5.59)	.260 (6.60)	1.058 (26.87)	.177 (4.49)	.260 (6.60)

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Connector Size	5 Connector Type		6 Termination Type	7 Hardware	8 Threaded Insert	9 Lead Length		10 Non-Standard Length Code
E	101	R	25	P	–	BR	P	T	F	–	125

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

101	Low Profile All Plastic Shell per M83513

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Connector Size (Number of contacts)

09	21	31	51
15	25	37	

5 Connector Type

P	Plug
S*	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

** Interfacial seal not include*

6 Termination Type
Other Types Available

CBR	Narrow Right Angle PCB Per M83513 /10 - /15
BR	Right angle PCB Per M83513 /16 - /21
BS	Straight PCB Per M83513 /22 - /27

7 Hardware — Pre-installed by factory
Metric Codes Available

	Omit for no threaded Insert
MOUNTING HOLE	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
JACKPOSTS	
P	Standard Jackpost

REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
PE	Hex	.075 - .085" (1.91 - 2.16 mm)
PF	Hex	.120 - .130" (3.05 - 3.30 mm)
PG	Hex	.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB	Slot	.042 - .052" (1.06 - 1.32 mm)
SC	Slot	.057 - .067" (1.45 - 1.70 mm)
SD	Slot	.088 - .098" (2.24 - 2.49 mm)
SE	Slot	.075 - .085" (1.91 - 2.16 mm)
SF	Slot	.120 - .130" (3.05 - 3.30 mm)
SG	Slot	.067 - .077" (1.70 - 1.96 mm)

8 Threaded Insert *

	Omit for no threaded Insert
T	#2-56 Threaded Insert
V	M2 Threaded Insert

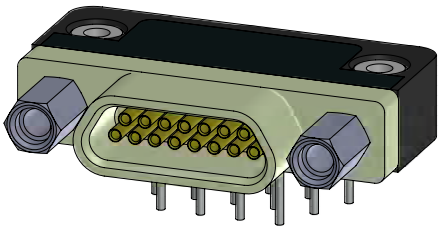
** Pre-installed PCB mounting options*

9 Lead Length – Dimensions in inches

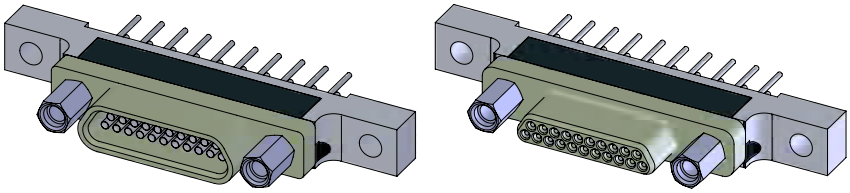
1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

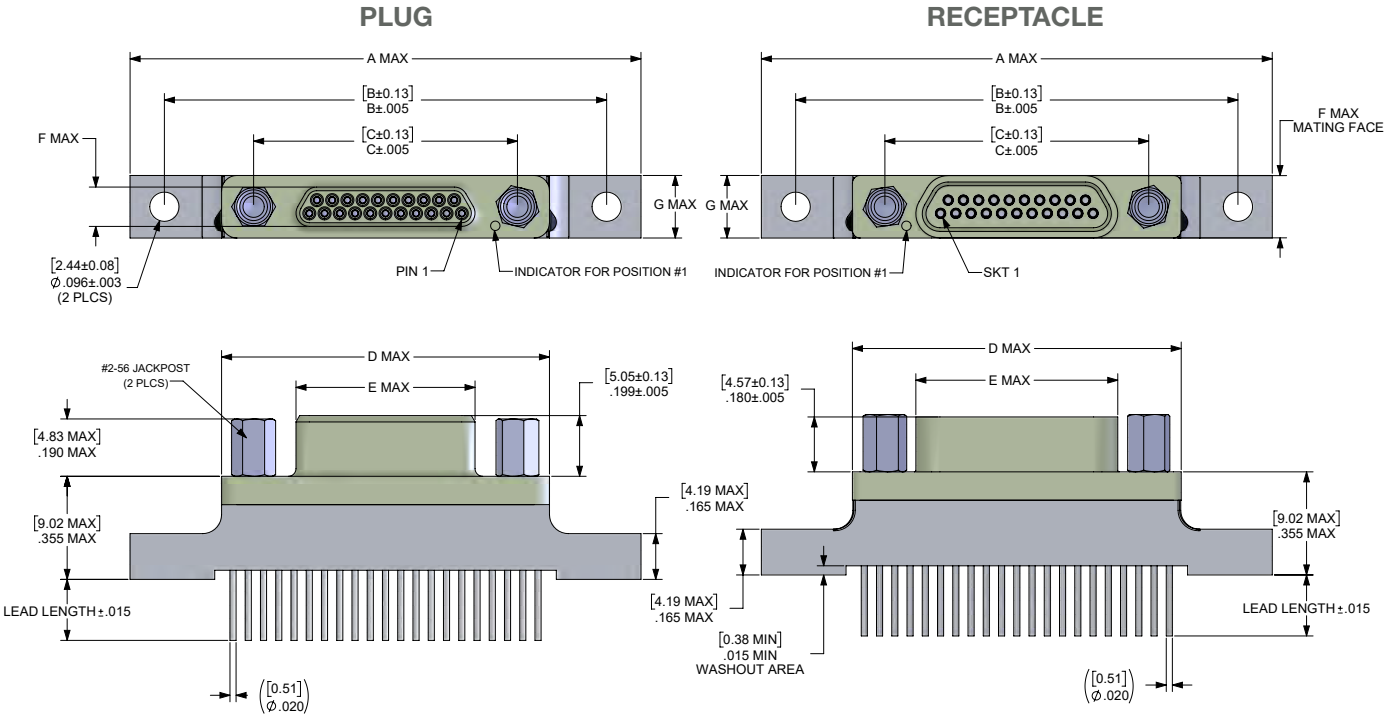
10 Non-Standard Length Code
Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"



BS TERMINATION
BOARD STRAIGHT
CONNECTOR



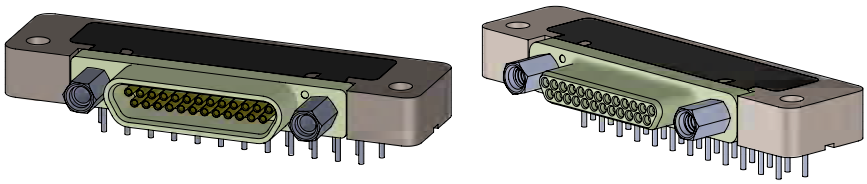


Dimensions are in inch (mm)

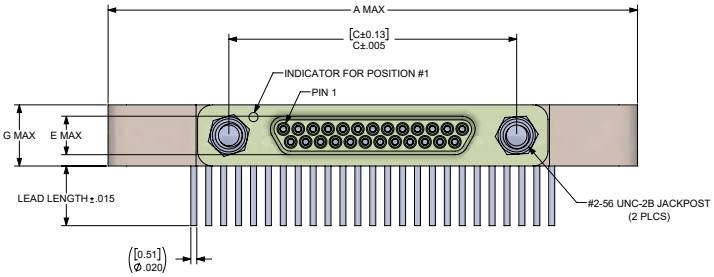
SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	D MAX	E MAX		F MAX		G MAX
					PLUG	RCPT	PLUG	RCPT	
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.788 (20.02)	.292 (7.42)	.380 (9.65)	.134 (3.40)	.218 (5.54)	.218 (5.54)
15	1.390 (35.31)	1.150 (29.21)	.715 (18.16)	.938 (23.83)	.442 (11.23)	.530 (13.46)			
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	1.088 (27.64)	.592 (15.04)	.680 (17.27)			
25	1.740 (44.20)	1.500 (38.10)	.965 (24.51)	1.188 (30.18)	.692 (17.58)	.780 (19.81)			
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	1.338 (33.99)	.842 (21.39)	.930 (23.62)			
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.488 (37.80)	.992 (25.20)	1.080 (27.43)			
51	2.270 (67.66)	2.000 (50.80)	1.215 (30.86)	1.438 (36.53)	.942 (23.93)	1.030 (26.16)	.177 (4.50)	.260 (6.60)	.260 (6.60)

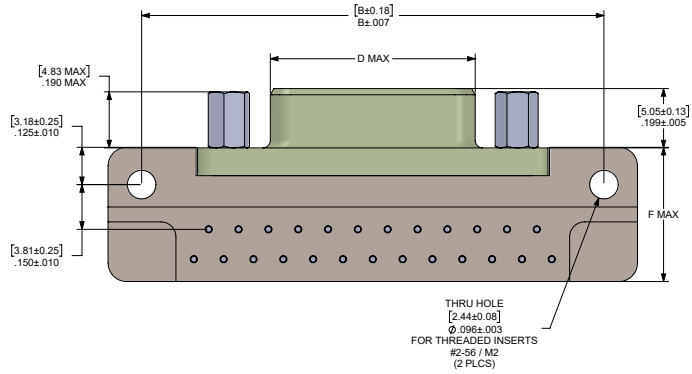
Refer to page 30 for grid patterns

BR TERMINATION
BOARD RIGHT ANGLE CONNECTOR

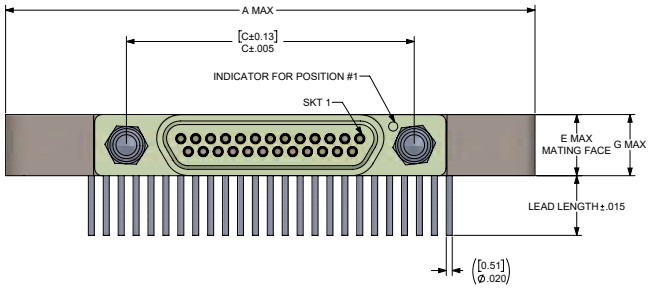


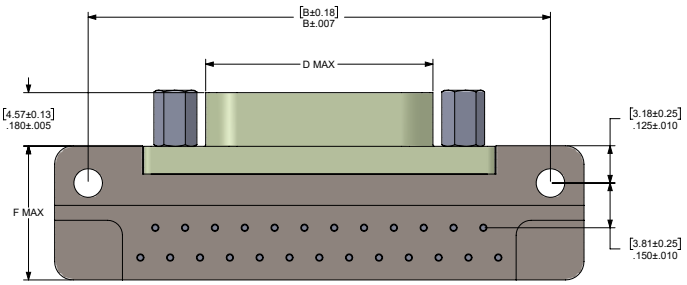
PLUG





RECEPTACLE



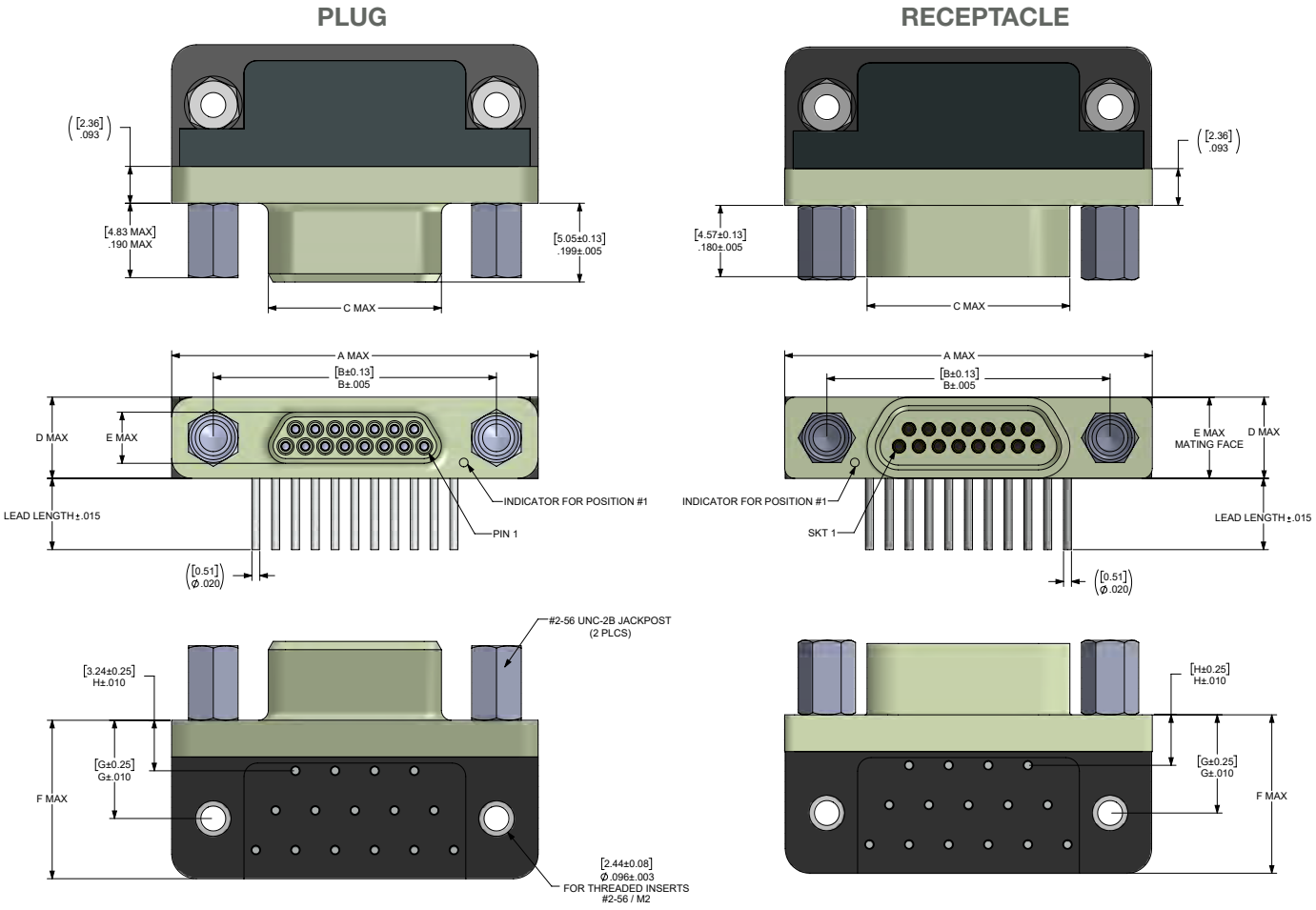


Dimensions are in inch (mm)

SIZE	A MAX	B ±0.007 (0.18)	C ±0.005 (0.13)	D MAX		E MAX		F MAX	G MAX
				PLUG	RCPT	PLUG	RCPT		
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.134 (3.40)	.218 (5.54)	.455 (11.56)	.218 (5.54)
15	1.540 (39.12)	1.300 (33.02)	.715 (18.16)	.442 (11.23)	.530 (13.46)				
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	.592 (15.04)	.680 (17.27)				
25	1.790 (45.47)	1.550 (39.37)	.965 (24.51)	.692 (17.58)	.780 (19.81)				
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	.842 (21.39)	.930 (23.62)				
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)				
51	1.875 (47.63)	1.600 (40.64)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.177 (4.49)	.260 (6.60)	.565 (14.35)	.260 (6.60)

Refer to page 27 for grid patterns

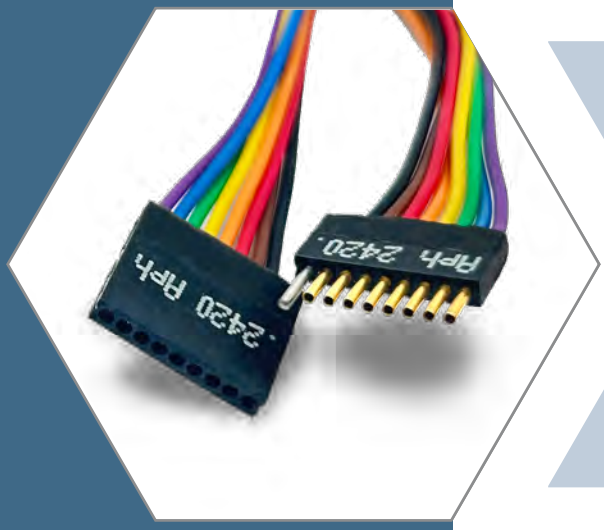
CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE



Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX	E MAX		F MAX	G MAX	H MAX
			PLUG	RCPT		PLUG	RCPT			
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.218 (5.54)	.134 (3.40)	.218 (5.54)	.420 (10.67)	.250 (6.35)	.230 (5.84)
15	.938 (23.83)	.715 (18.16)	.442 (11.23)	.530 (13.46)						.130 (3.30)
21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)						
25	1.188 (30.18)	.965 (24.51)	.692 (17.58)	.780 (19.81)						
31	1.338 (33.98)	1.115 (28.32)	.842 (21.39)	.930 (23.62)				.520 (13.21)		
37	1.488 (37.80)	1.265 (32.13)	.992 (25.20)	1.080 (27.43)						
51	1.438 (36.52)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.260 (6.60)	.177 (4.49)	.260 (6.60)	.650 (16.51)	.300 (7.62)	.150 (3.81)

Refer to page 22 for grid patterns



STRIPLINE
MICRO-D
105 SERIES

The 105 Series "Stripline" Micro-D Connectors are engineered to meet military/aerospace standards (M83513), offering reliable connectivity with single or multiple rows, guide pin, and latching options.

FEATURES

HARNESSED CONNECTORS

- One piece Ryton insulator
- Copper alloy, gold plated contacts (1-30 positions)
- 300 series stainless steel guide pin (optional, one or both ends)
- Configurable for all single and multiple row arrangements
- Military/aerospace standard wiring interconnect using existing M83513 pin & socket standards

SPECIFICATIONS

Body		Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material	Copper alloy, 50 micro-inches gold plate over nickel
	Spacing	0.050" (1.27mm) centers
	Quantity	1 to 30
Hardware		Stainless steel, passivated
Potting Material	Standard	EP1730-1 or equivalent; or equivalent
	High Temp	EP173859 or equivalent
Wire	Insulated	MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated	Copper per A-A-59551 (QQ-W-343)
Coupling		Friction or Jackscrews into jackposts/threaded Inserts

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

Series	Insulator Material	Connector Size	Connector Type		Wire Size (AWG)	Wire Type	Wire Finish	Wire Length	Guide Post/Hole	Mounting Holes & Latches		Non-Standard Length Code
1	2	3	4		5	6	7	8	9	10		11
105	R	09	P	–	3	A	V	1	2	C	–	10

Series 1

105	Strip Connector Backshell Series

Insulator Material 2

R	Polyphenylene Sulfide (Ryton)

Connector Size (Number of contacts) 3

1 to 30	No guided pins
1 to 29	Guided pin on one end
1 to 28	Guided pin on both ends

Connector Type 4

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded

Wire Size (AWG) 5

1	32	3	28	5†	25
2	30	4*	26	6	24

SOLDER CUP

Omit for Standard Solder Cup

M83513 Standard
† Solid Wire Only

Wire Type 6

	Omit for Standard Solder Cup
	NAVAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)

Wire Type 6 *Continued*

	MILITARY / AEROSPACE
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated

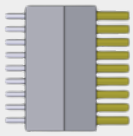
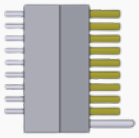
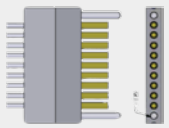
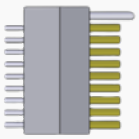
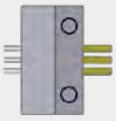
Wire Color / Finish 7

	Omit for Solder Cup
1	All White (M83513 STD) Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Color Black thru White related (M83513 Standard)
V	Right angled, tin
W	Right angled, gold
SM	Surface mount

Wire Length – Dimensions in inches 8

	Omit for Solder Cup
1	0.109 tails
2	0.140 tails
3	0.172 tails
4	0.250 tails
SM	Surface mount

Guide Post/Hole Location ▲ 9

	Omit for no guide post	
1	Guide post/hole on position 1	
2	Guide post/hole on both ends	
3	Guide post/hole on end position	
X	Guide post/ hole in middle positions	

▲ Guide Post for Receptacle guide & Hole for plug

Mounting Holes & Latches 10

Latch takes up one (1) location & Mounting Holes take up three (3) locations

See "Hardware" table on page 69 for part numbering

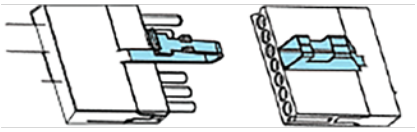
Non-Standard Length Code 11
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (Length < 1.00”)	110=.110” 999=.999”

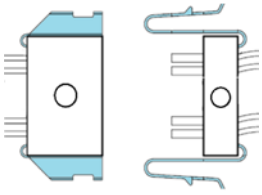
HARDWARE

Guide Posts	Standard No mounting holes or latch	Middle Mounting Hole	Two (2) Mounting Holes	Top Latch	Side Latches	Top Latch & Two (2) Mounting Holes	Side Latches & Middle Hole	Side Latches & Two(2) Mounting Holes
No guide post	Blank	A	E	4	5	L	Q	U
Position 1	1	B	F	6	7	M	R	V
Both ends	2	C	G	8	9	N	S	W
On end position	3	D	H	J	K	P	T	Y
In middle positions	Custom	Custom	Custom	Custom	Custom	Custom	Custom	Custom

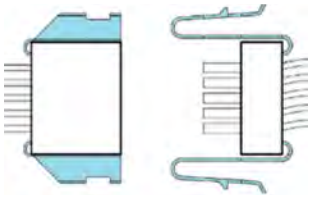
Top Latch



Side Latch with Middle Hole

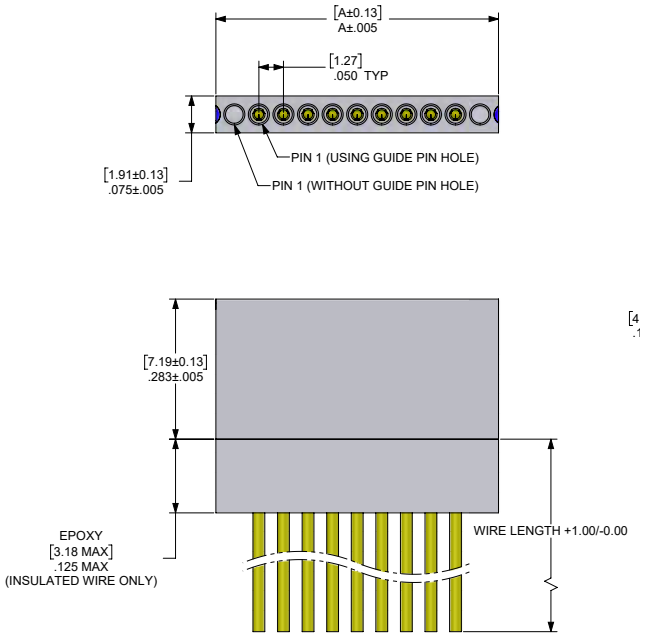


Side Latch

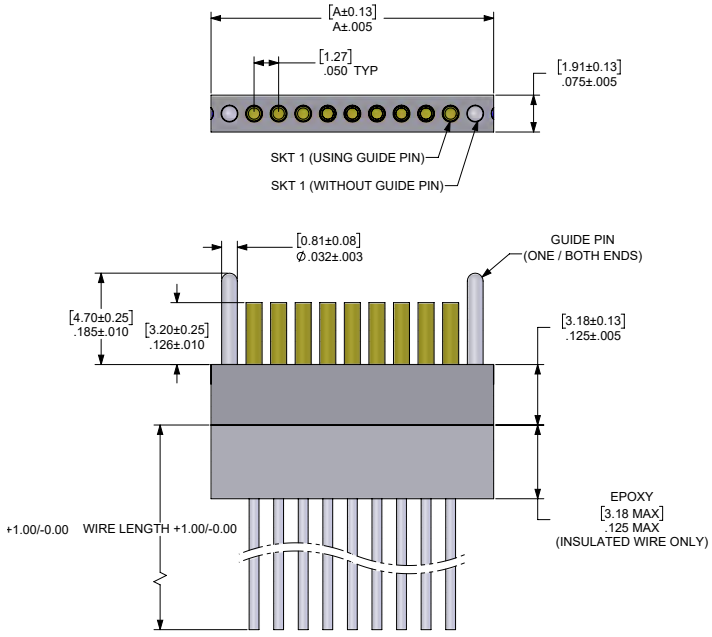


HARNESSED CONNECTORS
DIMENSIONS

PLUG



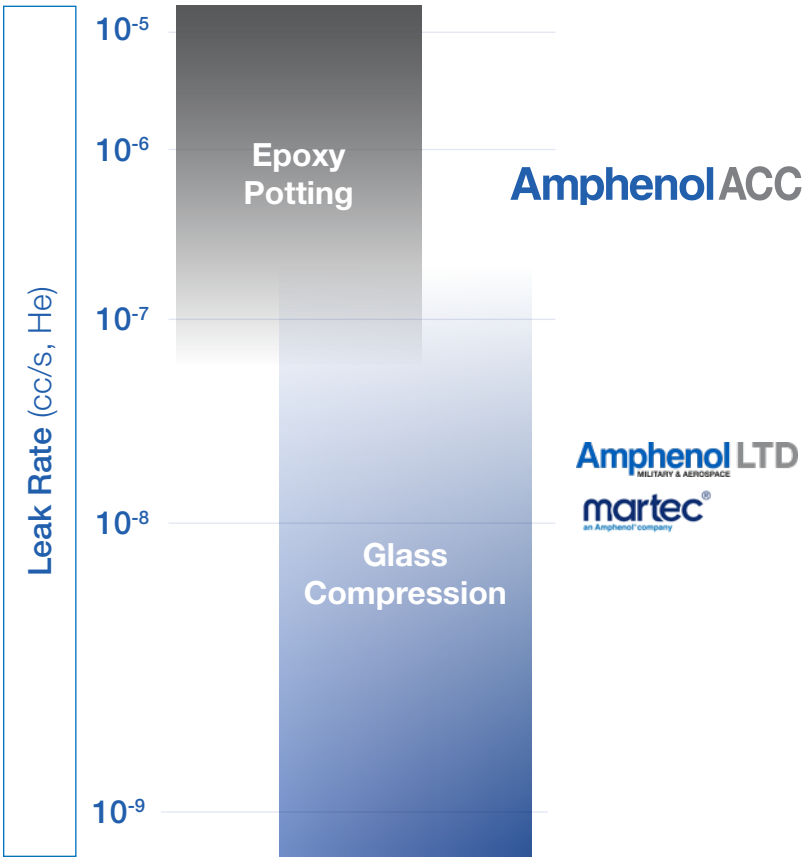
RECEPTACLE



Dimensions are in inch (mm)

SIZE	A ±0.005 (0.13)
1	.075 (1.91)
2	.125 (3.18)
3	.175 (4.45)
4	.225 (5.72)
5	.275 (6.99)
6	.325 (8.26)
7	.375 (9.53)
8	.425 (10.80)
9	.475 (12.07)
10	.525 (13.34)
11	.575 (14.61)
12	.625 (15.88)
13	.675 (17.15)
14	.725 (18.42)
15	.775 (19.69)
16	.825 (20.96)
17	.875 (22.23)
18	.925 (23.50)
19	.975 (24.77)
20	1.025 (26.04)
21	1.075 (27.31)
22	1.125 (28.58)
23	1.175 (29.85)
24	1.225 (31.12)
25	1.275 (32.39)
26	1.325 (33.66)
27	1.425 (36.20)
28	1.425 (36.20)
29	1.475 (37.47)
30	1.525 (38.74)

HERMETIC SEALING SOLUTIONS



If the sealing environment includes extreme variations in pressure, temperature, or temperature changes, it may be necessary to reduce the potting seal's capacity or use different sealing mechanisms. These conditions can affect standard seals' effectiveness, requiring a customized approach. Custom designs can improve air-tightness and meet specific requirements. This may involve adjusting the connectors' depth or overall profile, or using advanced technologies like glass compression seals.

In extremely challenging situations where traditional methods, like front-panel O-rings and epoxy potting, are insufficient, we can leverage our partnership with Amphenol LTD / Martec to offer advanced Micro-D connector designs. Glass-compression technology, as shown in the chart, significantly advances true hermetic seals, with capabilities down to **10^{-9} cc/s**. This technology is essential for maintaining integrity under demanding conditions.

Through our collaboration with Amphenol LTD / Martec, we deliver top-notch solutions tailored to withstand harsh environments. By integrating advanced sealing techniques and custom designs, we ensure our products exceed the rigorous requirements of extreme applications, providing reliable and durable performance.

Sealed Connectors offer a significant upgrade to what is typically specified by catalogue products. The same MIL-DTL-83513 durability and quality are assured with the additional functionality required by ever more compact electronics enclosure applications.

The only question is "*how to achieve the sealing?*", and Amphenol offers a full range of options.

The main consideration for determining which product solution is required comes down to the sealing level. In all cases, design effort will target parts of the connector build which contribute to leak paths from the exterior of an enclosure to the interior area to protect. Leak paths exist at the panel or enclosure interface, and between connector components and subassemblies.

Connector builds seek to minimize or eliminate these paths where leakage exists. Seal efficacy is often characterized in terms of a maximum leak rate, commonly based on helium (He) as the test medium. Most seals can be accomplished by a combination of O-ring face seals combined with connector assemblies sealed with epoxy potting. This approach is suitable for leak rates down to approximately **10^{-7} cc/s** (cubic centimeters per second) depending on other environmental factors.

GLASS COMPRESSION FEATURES

- Enhanced Hermeticity
- Harsh-Environment Performance
- Ultra-Low Leak Rates

EPOXY POTTING FEATURES

- Cost Effective
- High Versatility

Amphenol LTD | martec® an Amphenol® company



SEALED MICRO-D

107 SERIES

The 107 Series Panel Seal Micro-D Connector offers a wide range of panel mounting applications, from environmental to hermetic setups, while delivering comprehensive protection against EMI and moisture. Its potted sealing construction is compatible with IEC60529 IP67, ensuring reliable performance in harsh conditions.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Finish	Metal	» Anodized (Black) » Zinc Nickel (Black Chromate) » Cadmium (Yellow Chromate) » Olive Drab Cadmium » Chem Film » Electroless Nickel » Gold » Zinc Nickel - 48 hrs » Pure Electro-Deposited Al » Nickel fluorocarbon polymer
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent; or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

- Insulated or conductive O-Ring supplied
- Ground spring to improve EMI protection (Optional)

HARNESSED CONNECTORS

- Metal shells to provide RFI/EMI shielding
- Pre-wired and fully potted

PCB CONNECTORS

- Solid copper 24 AWG PCB leads, Tin plated, and solder dipped

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Sealing Code	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	107	R	N	25	P	–	4	A	5	F	P	–	48

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

107	O-Ring Micro-D
147	O-Ring Micro-D (Passivated Stainless Steel)

3 Sealing Code

R	Standard O-Ring
D	Standard O-Ring, Narrow Shell
C	Conductive O-Ring
E	Conductive O-Ring, Narrow Shell
H*	Epoxy Seal (10^{-5} cc/s Helium Leak Rate)
G	Glass Seal Hermetic (10^{-9} cc/s Helium Leak Rate)

** Consult factory for designs*

4 Shell Finish

	Omit for 147 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69	

6 Connector Type*

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

** Consult factory for G sealing code's (Glass-seal hermetic) connector type*

7 Wire Size (AWG)

4*	26	6	24
5†	25		
SOLDER CUP			
Omit for Standard Solder Cup			

** M83513 Standard*
† Solid Wire Only

8 Wire Type

	Omit for Standard Solder Cup
	GENERAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)

8 Wire Type *Continued*

	MILITARY APPLICATIONS
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Color / Finish

	Omit for Standard Solder Cup
1	All White (M83513 STD) Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Color Black thru White related (M83513 Standard)

10 Wire Length – Dimensions in inches

	Omit for Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

Hardware — Pre-installed by factory 11
Metric Codes Available

	Omit for no jackpost or thread
	MOUNTING HOLE
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
	JACKPOSTS
P	Standard Jackpost

REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

Non-Standard Length Code 12
Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"

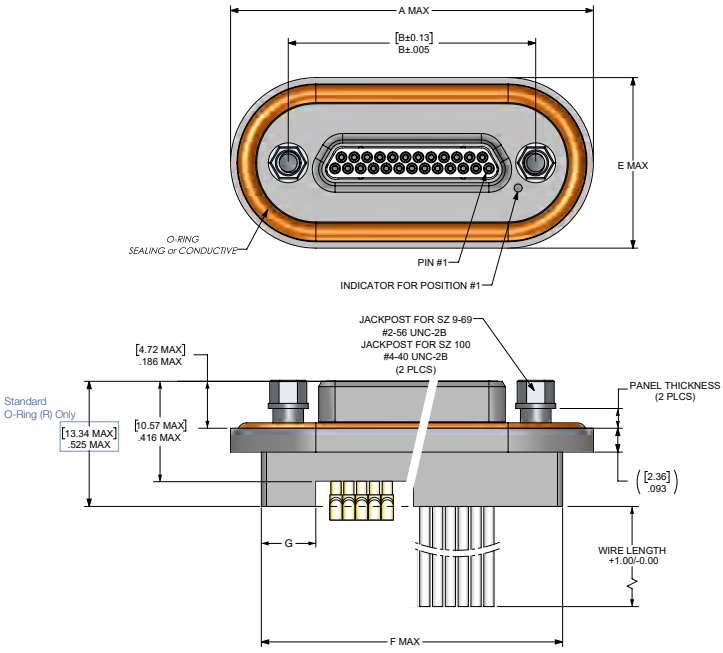
FOR MORE INFORMATION

GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

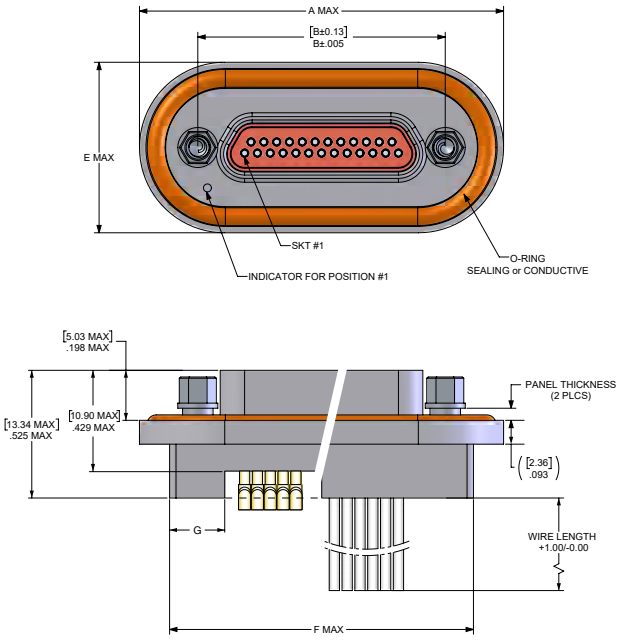
SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**

CRIMP/WIRE TERMINATION

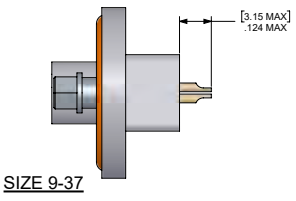
PLUG



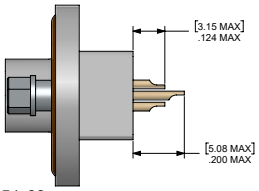
RECEPTACLE



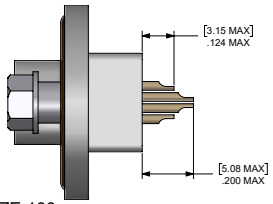
SOLDER CUP TERMINATION
PLUG/RECEPTACLE



SIZE 9-37



SIZE 51-69



SIZE 100

Dimensions are in inch (mm)

SIZE	A MAX	B ±.005 (0.13)	E MAX	F MAX	G
09	.975 (24.77)	.565 (14.35)	.675 (17.14)	.785 (19.94)	.210 (5.33)
15	1.175 (29.85)	.715 (18.16)		.935 (23.75)	
21	1.275 (32.39)	.865 (21.97)		1.085 (27.56)	
25	1.375 (34.93)	.965 (24.51)		1.185 (30.10)	
31	1.495 (37.97)	1.115 (28.32)		1.335 (33.91)	
37	1.675 (42.55)	1.265 (32.13)		1.485 (37.72)	
51	1.700 (43.18)	1.215 (30.86)	.715 (18.16)	1.435 (36.45)	
69	2.000 (50.80)	1.515 (38.48)		1.735 (44.07)	
100	2.380 (60.45)	1.800 (45.72)	.765 (19.43)	2.170 (55.12)	.300 (7.65)

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware	9 Threaded Insert	10 Lead Length		11 Non-Standard Length Code
E	107	R	N	25	G	–	H6	PD	T	F	–	125

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

107	O-Ring Micro-D
147	O-Ring Micro-D (Passivated Stainless Steel)
117*	O-Ring Reversed Micro-D
144*	O-Ring Reversed Micro-D (Passivated Stainless Steel)

* *Only with reversed CBR/HBR terminations*

3 Sealing Code

R	Standard O-Ring
D	Standard O-Ring, Narrow Shell
C	Conductive O-Ring
E	Conductive O-Ring, Narrow Shell
H*	Epoxy Seal (10^{-5} cc/s Helium Leak Rate)
G	Glass Seal Hermetic (10^{-9} cc/s Helium Leak Rate)

* *Consult factory for designs*

4 Shell Finish

	Omit for 147 & 144 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69	

6 Connector Type*

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

* *Consult factory for G sealing code's (Glass-seal hermetic) connector type*

7 Termination Type — Other Types Available

CBR	Narrow Right Angle PCB
HBR	High Density CBR
C6	Straight PCB
H6	High Density Straight PCB

8 Hardware — Pre-installed by factory — Metric Codes Available

	Omit for no jackpost or thread
MOUNTING HOLE	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
JACKPOSTS	
P	Standard Jackpost
REAR PANEL MOUNT	

P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)

8 Hardware — Pre-installed by factory — Metric Codes Available *Continued*

JACKPOSTS

REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

9 Threaded Insert†

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9 - 69)
U	#4-40 Threaded Insert (Size 100 only)
V	M2 Threaded Insert (Size 9 - 69)
Z	M3 Threaded Insert (Size 100 only)

† *Pre-installed PCB mounting options*

10 Lead Length – Dimensions in inches

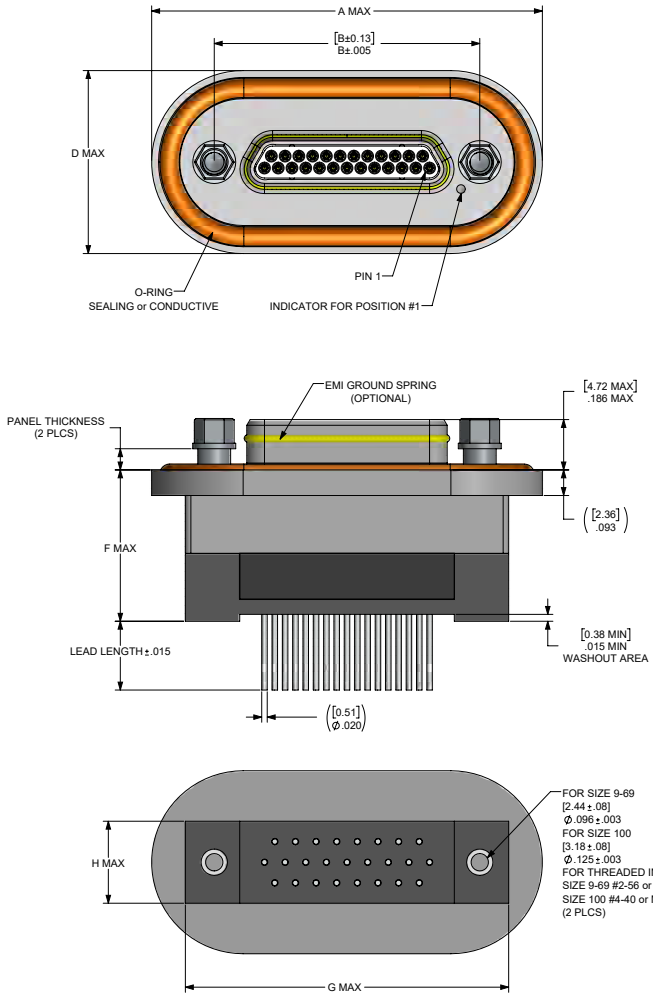
1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Std. Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Std. Length
7	.172 ± .015		

11 Non-Standard Length Code — Dimensions in inches

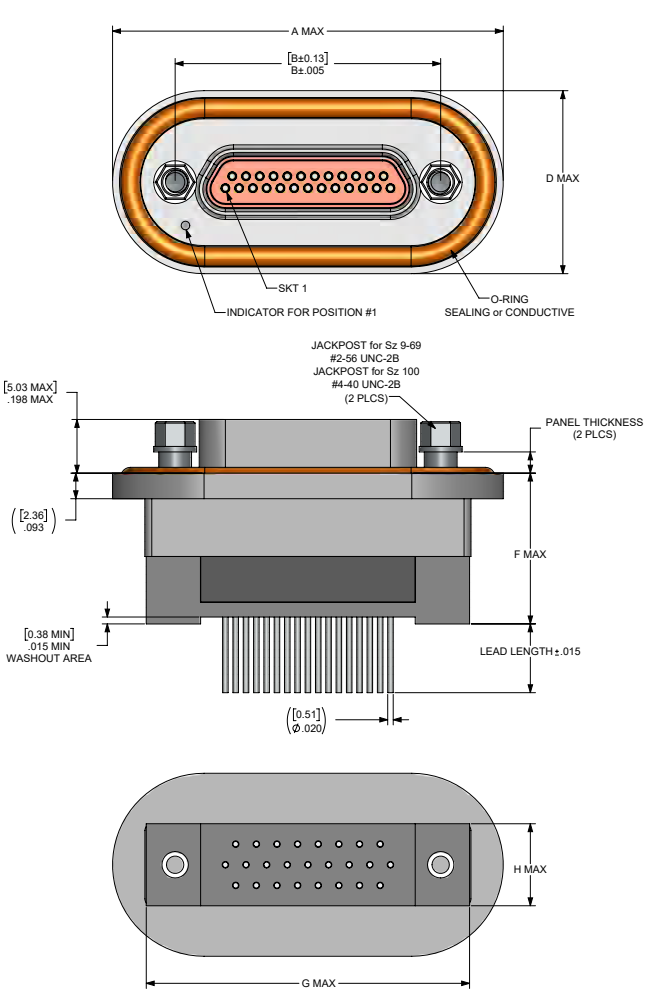
Stranded Wire	1 = 1.00" 100 = 100.00"

C6 | H6 TERMINATION
BOARD STRAIGHT
CONNECTOR

PLUG



RECEPTACLE



Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	D ±0.005 (0.13)	F* MAX	G MAX	H MAX
09	1.025 (26.04)	.565 (14.35)	.675 (17.14)	.570 (14.48)	.785 (19.94)	.310 (7.87)
15	1.225 (31.12)	.715 (18.16)			.935 (23.75)	
21	1.325 (33.66)	.865 (21.97)			1.085 (27.56)	
25	1.425 (36.20)	.965 (24.51)			1.185 (30.10)	
31	1.545 (39.24)	1.115 (28.32)			1.335 (33.91)	
37	1.725 (43.82)	1.265 (32.13)			1.485 (37.72)	
51	1.695 (43.05)	1.215 (30.86)	.715 (18.16)		1.435 (36.45)	.400 (10.16)
69	1.995 (50.67)	1.515 (38.48)			1.735 (44.07)	
100	2.375 (60.33)	1.800 (45.72)	.765 (19.43)	.630 (16.00)	2.170 (55.12)	.510 (12.95)

**Applicable to Standard O-Ring (R) Only*

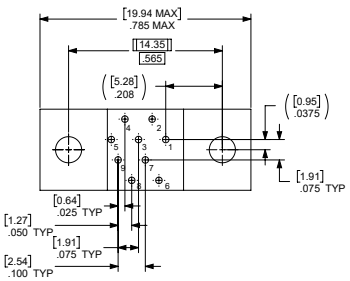
C6 TERMINATION
BOARD STRAIGHT
CONNECTOR

Vertical Mount (rear view)

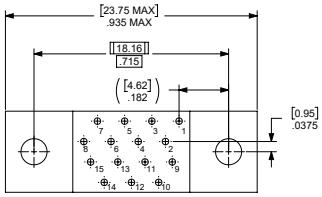
PIN

SOCKET

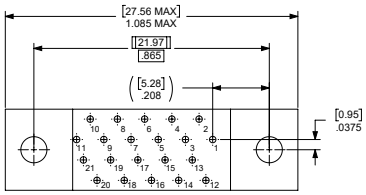
9 Contacts



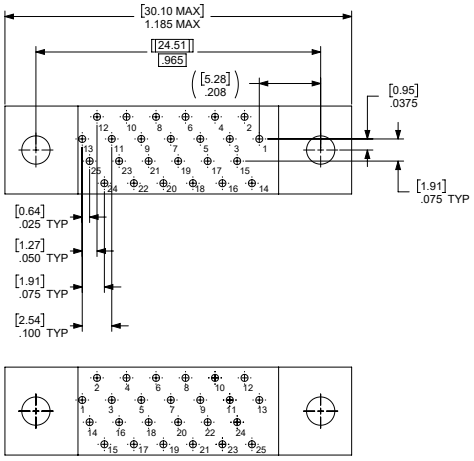
15 Contacts



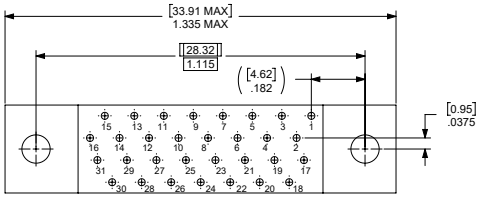
21 Contacts



25 Contacts



31 Contacts



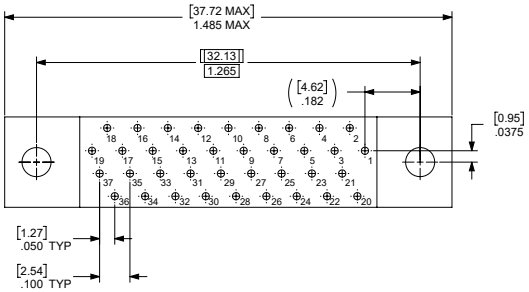
** Cavity identification numbers are for reference only and does not appear on the connector.*

C6 TERMINATION
BOARD STRAIGHT
CONNECTOR

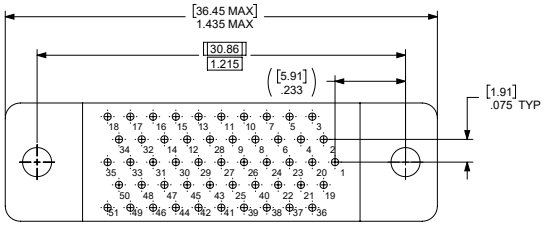
Vertical Mount (rear view)

PIN

37 Contacts

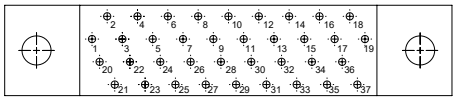


51 Contacts

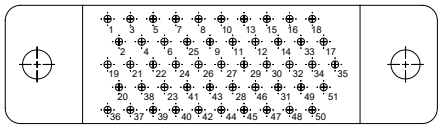


SOCKET

37 Contacts

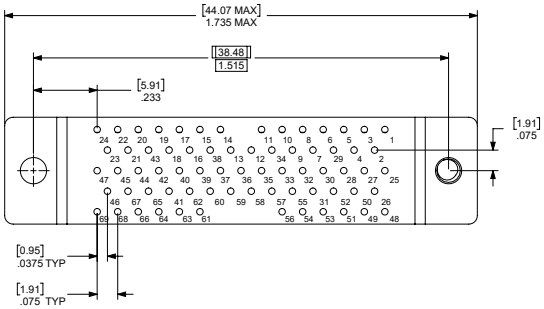


51 Contacts

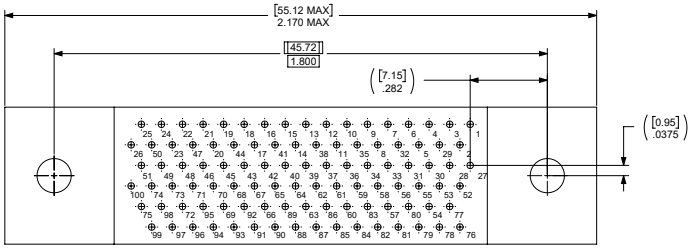


PIN

37 Contacts

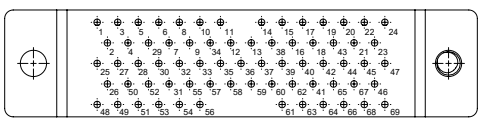


51 Contacts

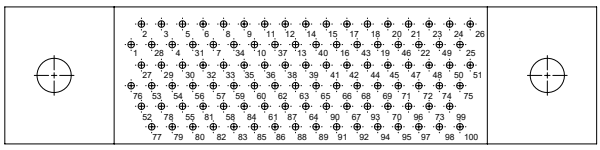


SOCKET

37 Contacts



51 Contacts



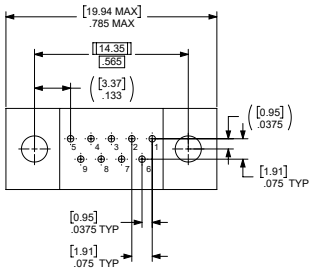
** Cavity identification numbers are for reference only and does not appear on the connector.*

H6 TERMINATION
HIGH DENSITY BOARD STRAIGHT CONNECTOR

Vertical Mount (rear view)

9 Contacts

PIN

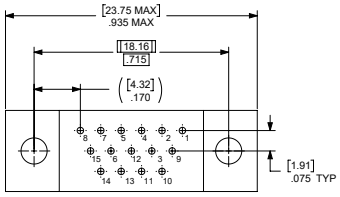


SOCKET

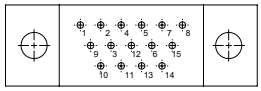


15 Contacts

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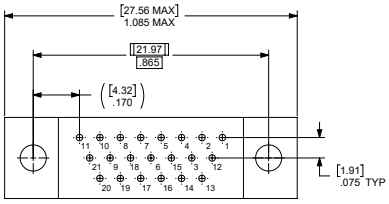


SOCKET

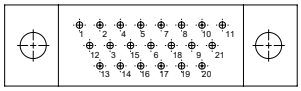


21 Contacts

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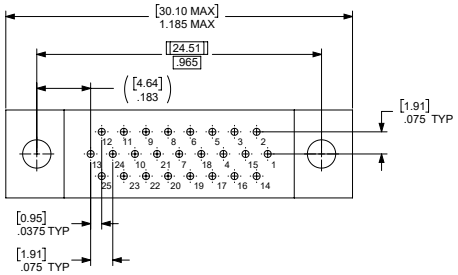


SOCKET

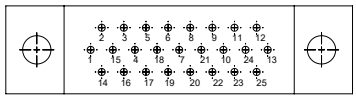


25 Contacts

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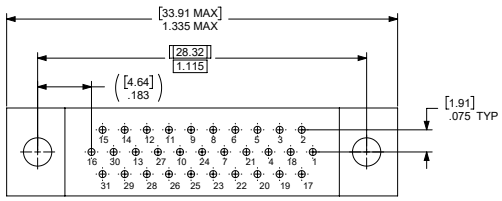


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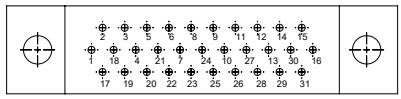


31 Contacts

PIN



SOCKET



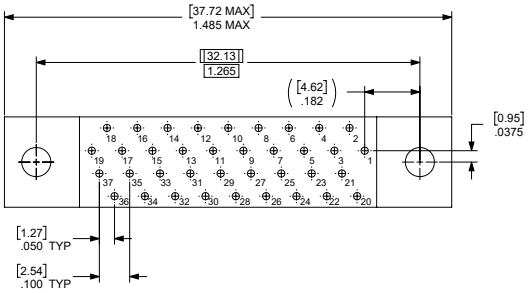
** Cavity identification numbers are for reference only and does not appear on the connector.*

H6 TERMINATION
HIGH DENSITY BOARD STRAIGHT CONNECTOR

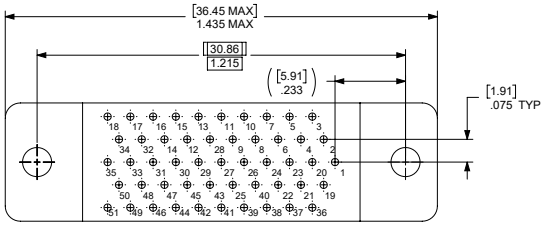
Vertical Mount (rear view)

PIN

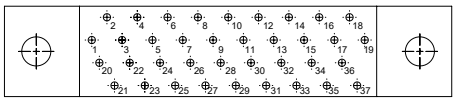
37 Contacts

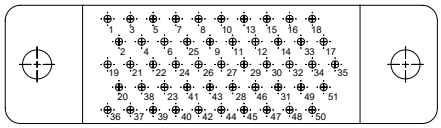


51 Contacts



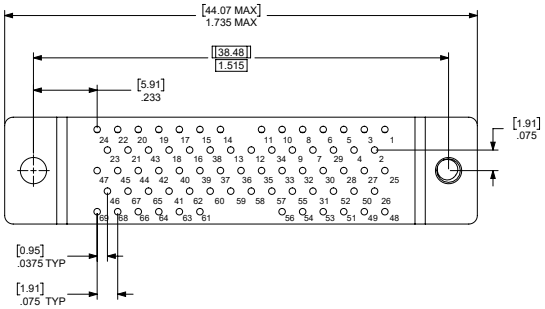
SOCKET



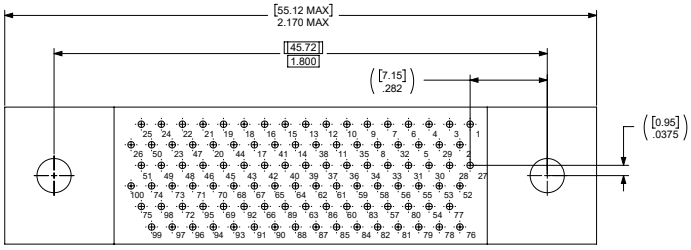


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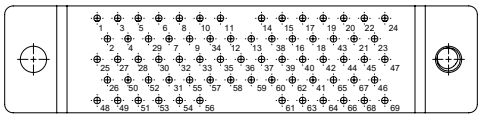
37 Contacts

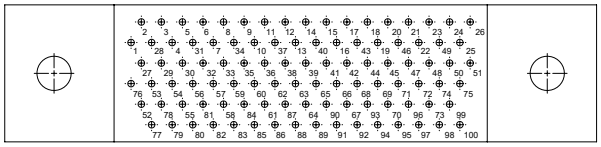


37 Contacts



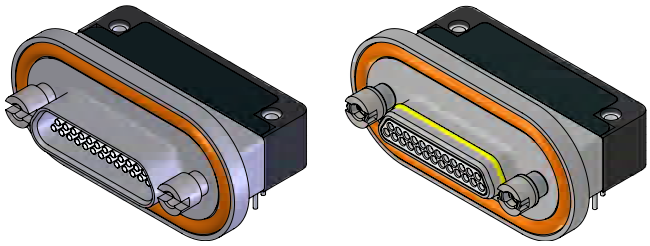
SOCKET



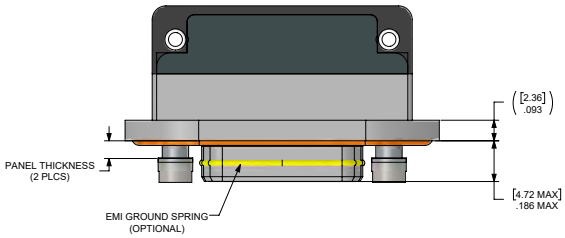


** Cavity identification numbers are for reference only and does not appear on the connector.*

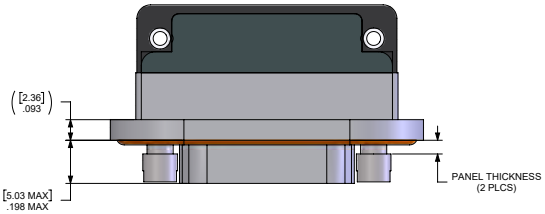
CBR | HBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

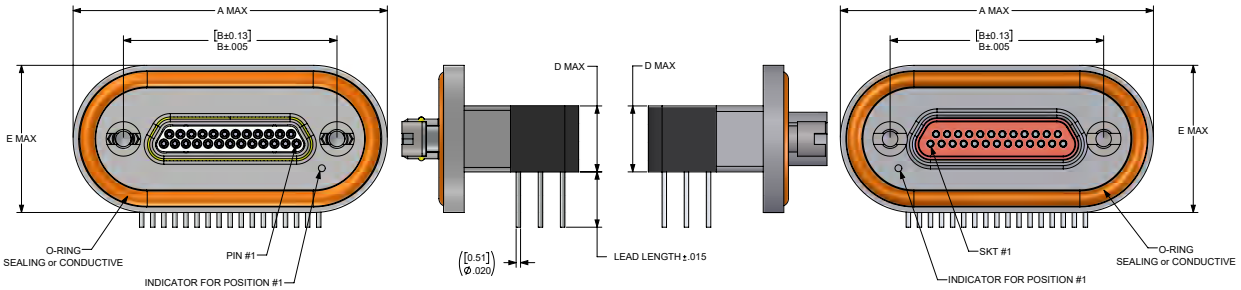


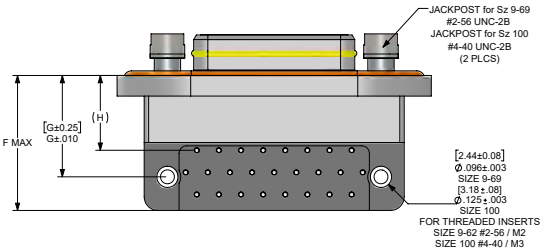
PLUG

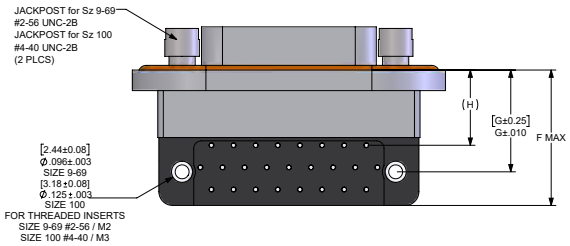


RECEPTACLE









Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	D MAX	E MAX	F* MAX		G ±0.010 (0.25)	H .REF	
					CBR	HBR		CBR	HBR
09	1.025 (26.04)	.565 (14.35)	.308 (7.82)	.675 (17.14)	.650 (16.51)	.650 (16.51)	.460 (11.68)	.440 (11.18)	.418 (10.62)
15	1.225 (31.12)	.715 (18.16)						.340 (8.64)	.380 (9.65)
21	1.325 (33.66)	.865 (21.97)							
25	1.425 (36.20)	.965 (24.51)							
31	1.545 (39.24)	1.115 (28.32)			.750 (19.05)	.650 (16.51)			
37	1.725 (43.82)	1.265 (32.13)							
51	1.695 (43.05)	1.215 (30.86)	.355 (9.02)	.715 (18.16)	.900 (22.86)	.750 (19.05)	.510 (12.95)	.360 (9.14)	.398 (10.11)
69	1.995 (50.67)	1.515 (38.48)			1.000 (25.40)				
100	2.375 (60.33)	1.800(45.72)	.394 (10.01)	.765 (19.43)	1.250 (31.75)	.900 (22.86)	.610 (15.49)	.410 (10.41)	.423 (10.74)

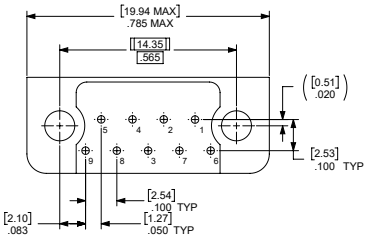
**Applicable to Standard O-Ring (R) Only*

CBR TERMINATION
BOARD STRAIGHT RIGHT ANGLE CONNECTOR
NARROW PROFILE

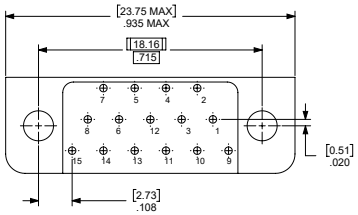
0.100 [2.54] × 0.100 [2.54] Grid Pattern, Offset 0.050 [1.27]

PIN

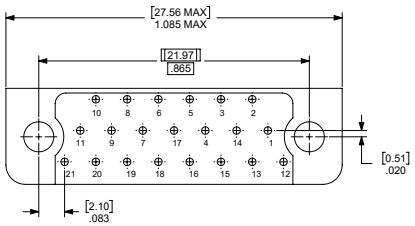
9 Contacts



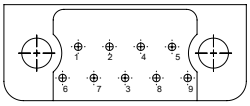
15 Contacts

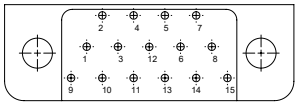


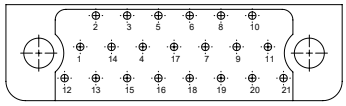
21 Contacts



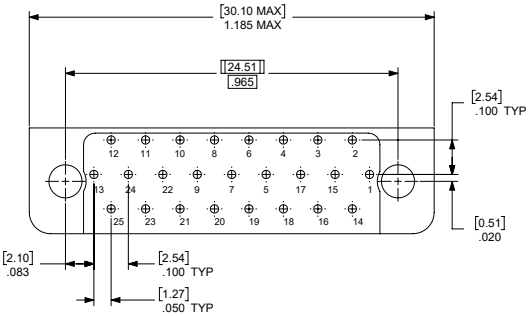
SOCKET



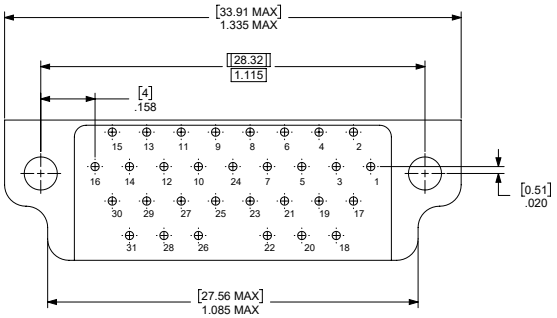




25 Contacts

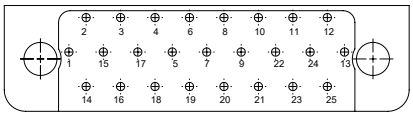


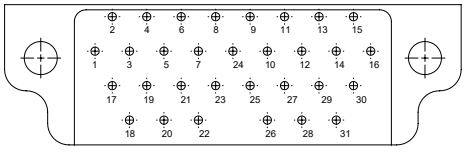
31 Contacts



PIN

SOCKET

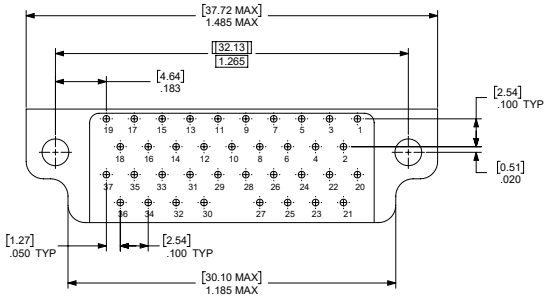




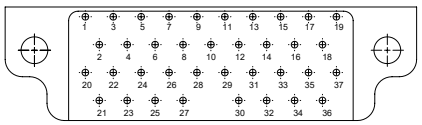
** Cavity identification numbers are for reference only and does not appear on the connector.*

37 Contacts

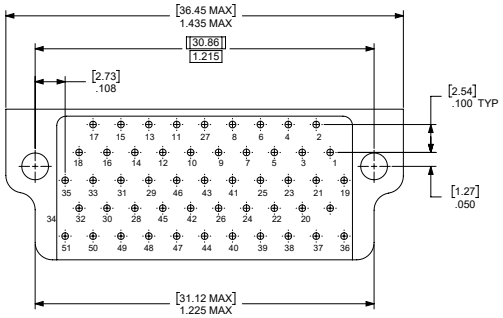
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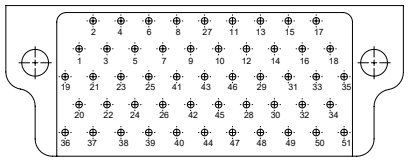


SOCKET



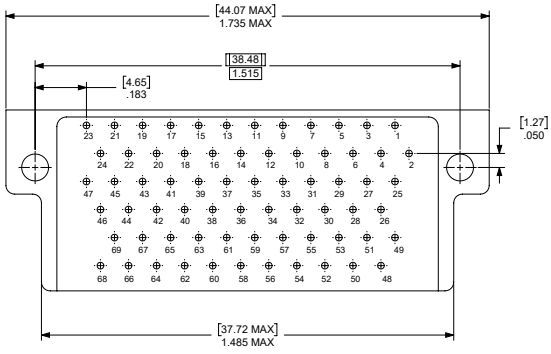
51 Contacts



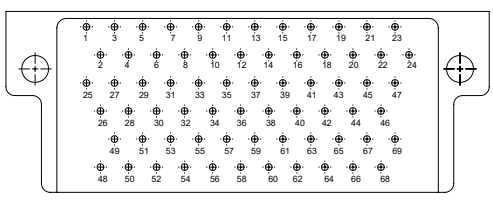


69 Contacts

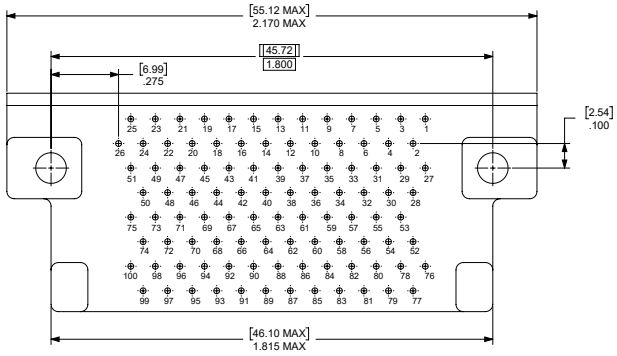
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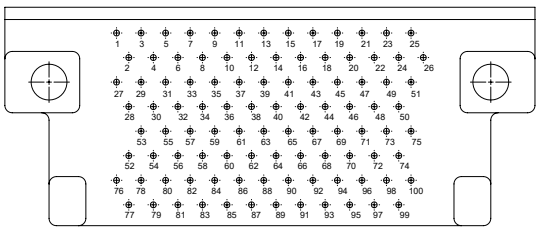


SOCKET



100 Contacts





** Cavity identification numbers are for reference only and does not appear on the connector.*

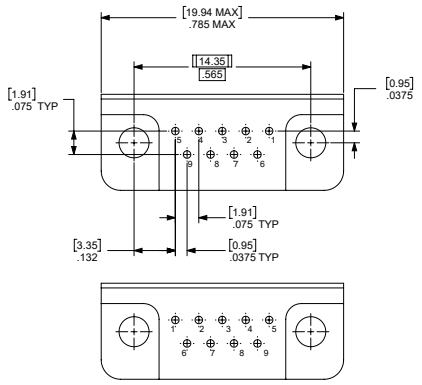
HBR TERMINATION
HIGH DENSITY BOARD STRAIGHT RIGHT ANGLE CONNECTOR
NARROW PROFILE

0.075 [1.91] × 0.075 [1.91] Grid Pattern, Offset 0.0375 [0.95]

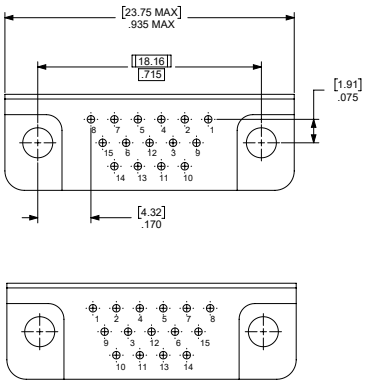
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SOCKET

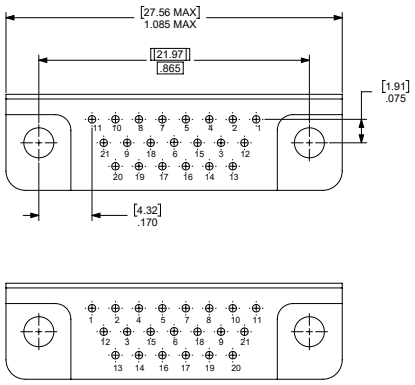
9 Contacts



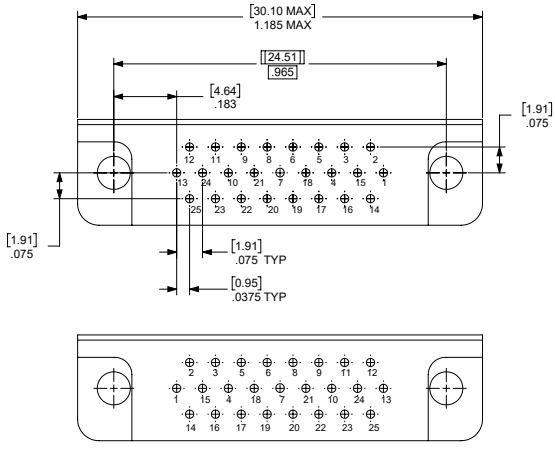
15 Contacts



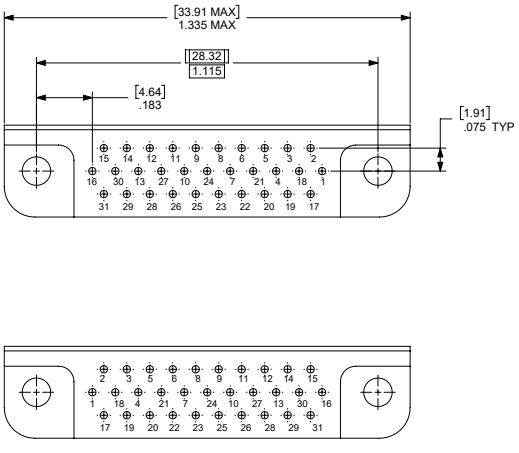
21 Contacts



25 Contacts



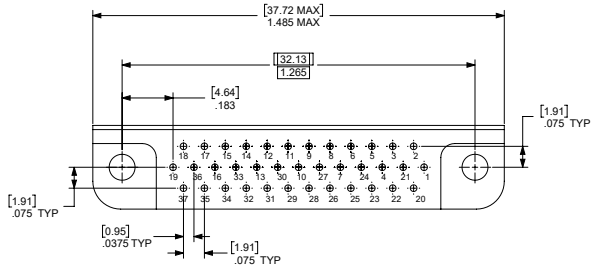
31 Contacts



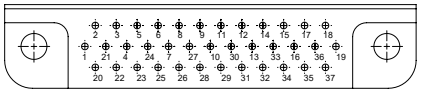
** Cavity identification numbers are for reference only and does not appear on the connector.*

37 Contacts

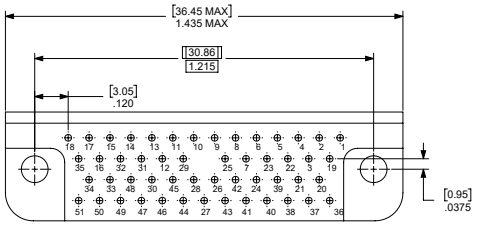
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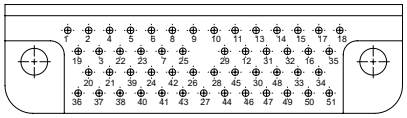


SOCKET



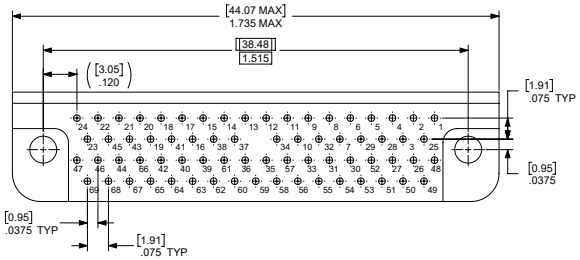
51 Contacts



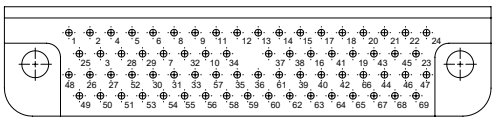


69 Contacts

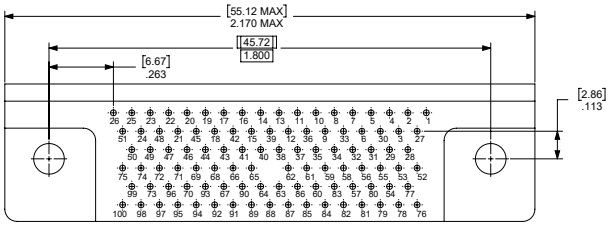
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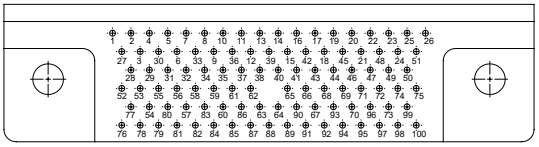


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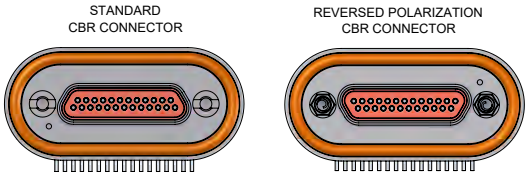
100 Contacts

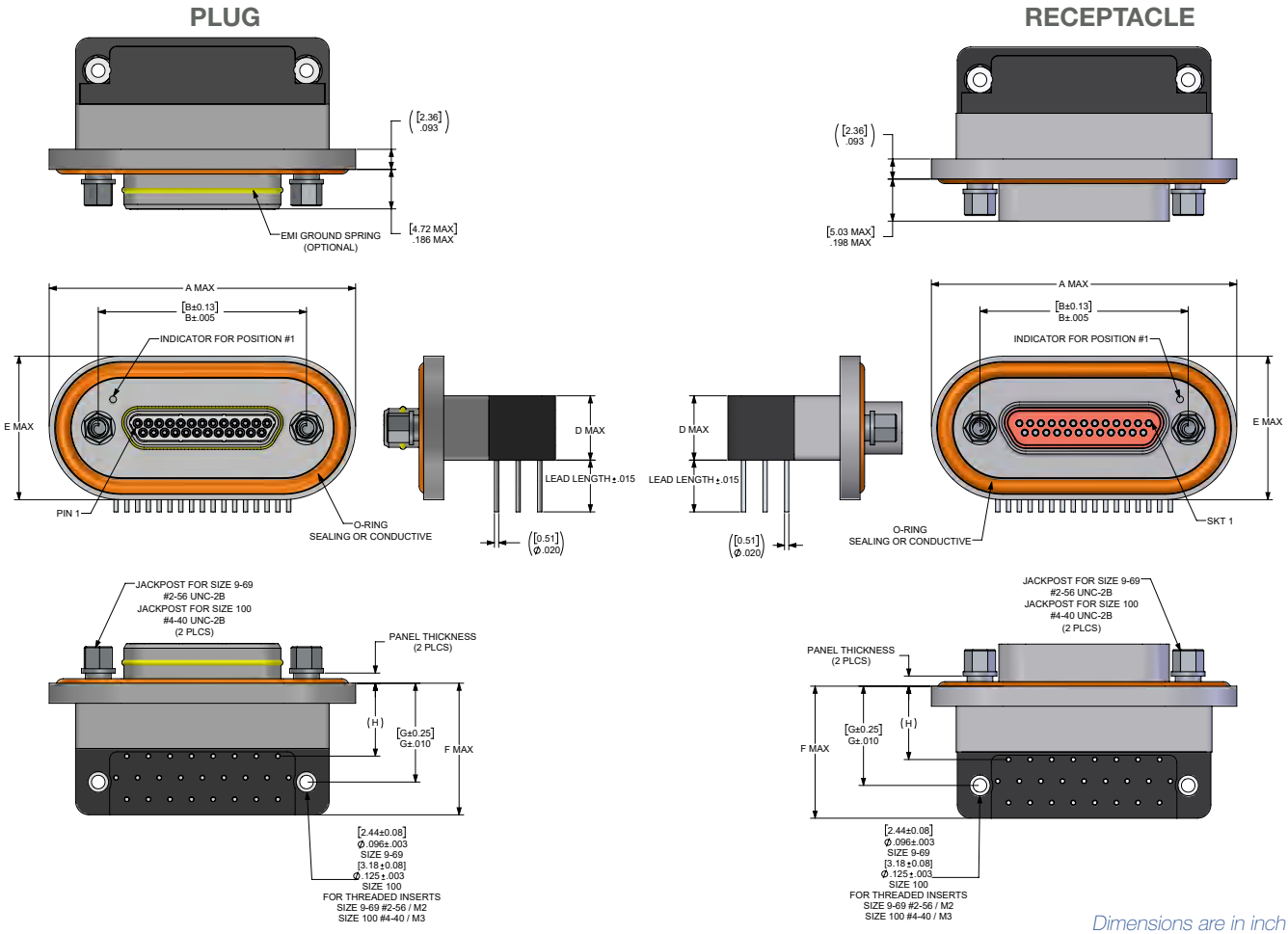




** Cavity identification numbers are for reference only and does not appear on the connector.*

REVERSED CBR | HBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE





Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	D MAX	E MAX	F* MAX		G ±0.005 (0.13)	H ±0.005 (0.13)	
					CBR	HBR		CBR	HBR
09	1.025 (26.04)	.565 (14.35)	.308 (7.82)	.675 (17.14)	.650 (16.51)	.650 (16.51)	.460 (11.68)	.440 (11.18)	.418 (10.62)
15	1.225 (31.12)	.715 (18.16)						.340 (8.64)	.380 (9.65)
21	1.325 (33.66)	.865 (21.97)							
25	1.425 (36.20)	.965 (24.51)							
31	1.545 (39.24)	1.115 (28.32)			.750 (19.05)				
37	1.725 (43.82)	1.265 (32.13)							
51	1.695 (43.05)	1.215 (30.86)	.355 (9.02)	.715 (18.16)	.900 (22.86)	.750 (19.05)	.510 (12.95)	.360 (9.14)	.398 (10.11)
69	1.995 (50.67)	1.515 (38.48)			1.000 (25.40)				
100	2.375 (60.33)	1.800(45.72)	.394 (10.01)	.765 (19.43)	1.250 (31.75)	.900 (22.86)	.610 (15.49)	.410 (10.41)	.423 (10.74)

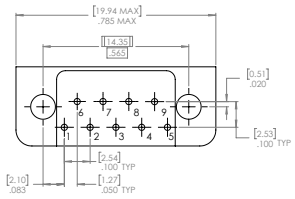
**Applicable to Standard O-Ring (R) Only*

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

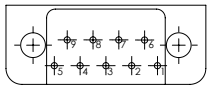
Vertical Mount (rear view)

9 Contacts

PIN

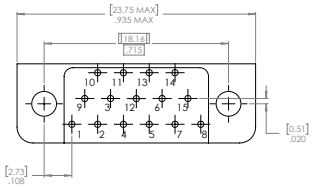


SOCKET



15 Contacts

PIN

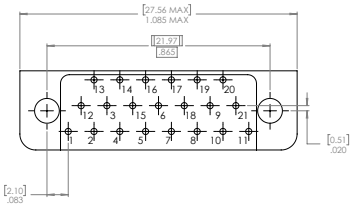


SOCKET

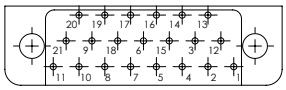


21 Contacts

PIN

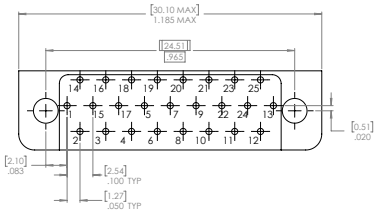


SOCKET

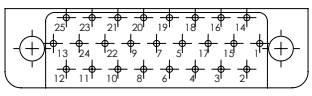


25 Contacts

PIN

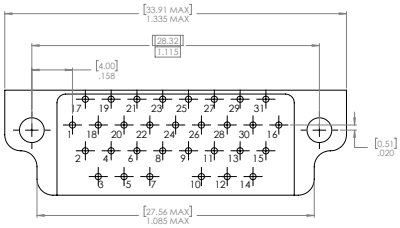


SOCKET

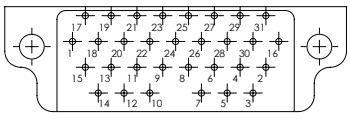


31 Contacts

PIN

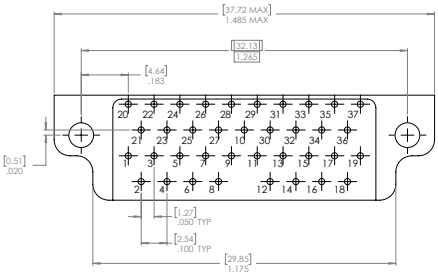


SOCKET

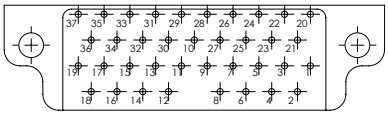


37 Contacts

PIN



SOCKET



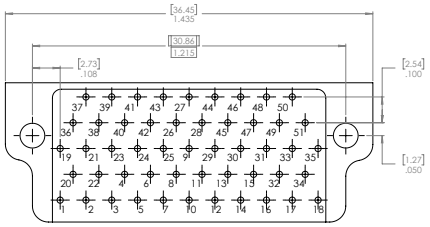
** Cavity identification numbers are for reference only and does not appear on the connector.*

REVERSED CBR TERMINATION
BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

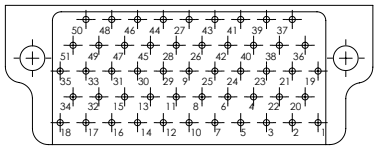
Vertical Mount (rear view)

51 Contacts

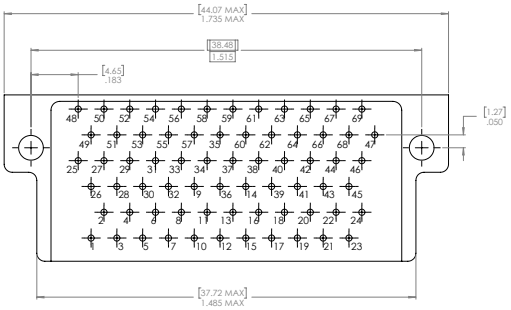
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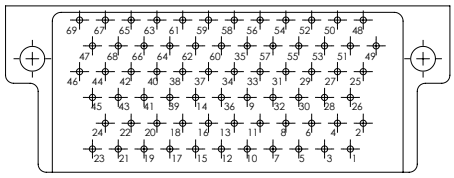


SOCKET



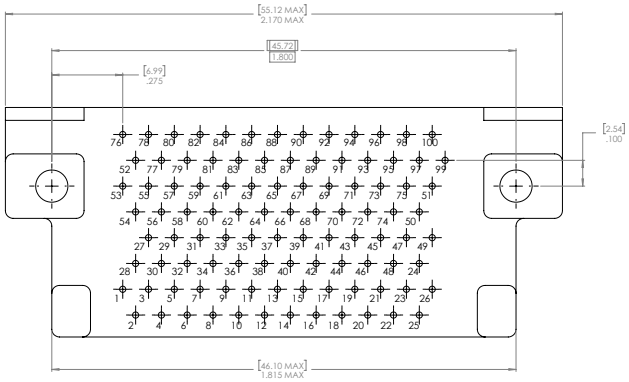
69 Contacts



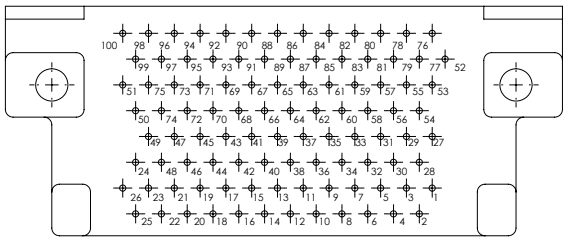


100 Contacts

PIN



SOCKET



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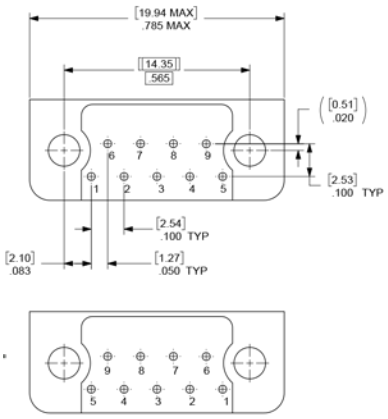
REVERSED HBR TERMINATION
HIGH DENSITY BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

Vertical Mount (rear view)

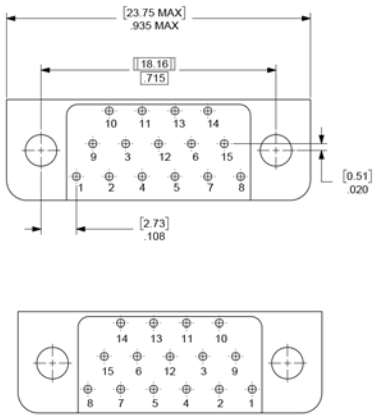
PIN

SOCKET

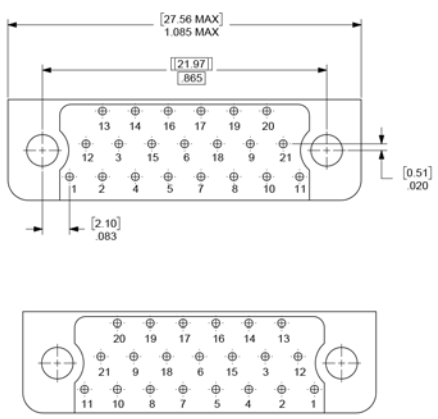
9 Contacts



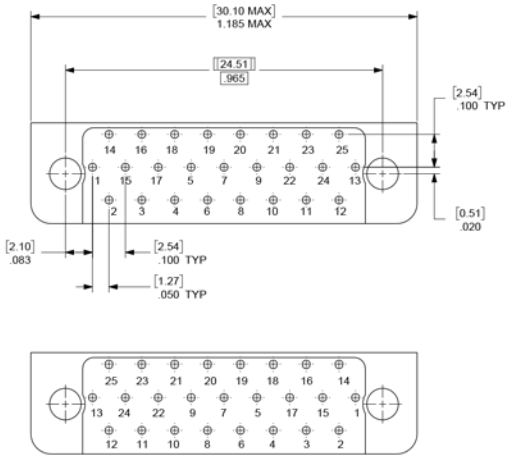
15 Contacts



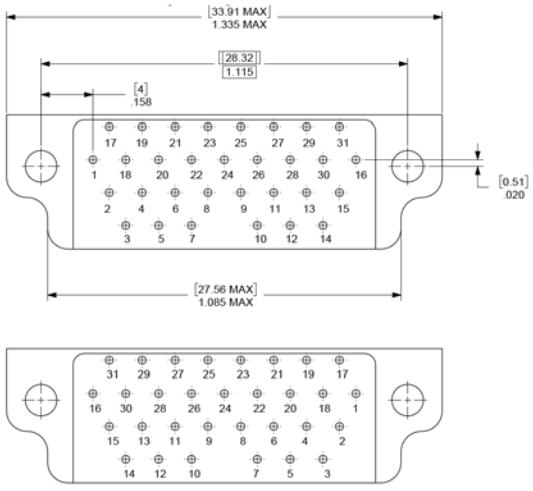
21 Contacts



25 Contacts



31 Contacts



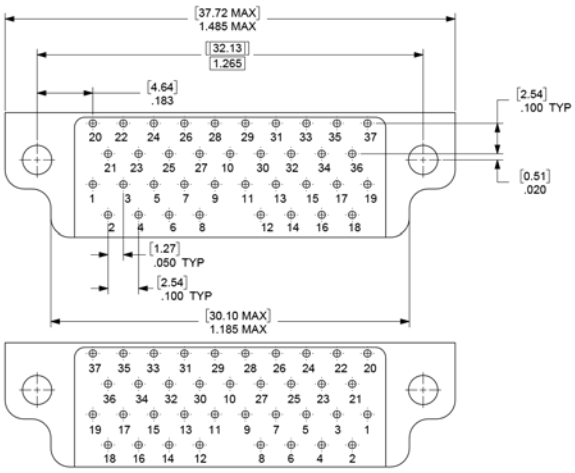
** Cavity identification numbers are for reference only and does not appear on the connector.*

REVERSED HBR TERMINATION
HIGH DENSITY BOARD RIGHT ANGLE CONNECTOR
NARROW PROFILE

Vertical Mount (rear view)

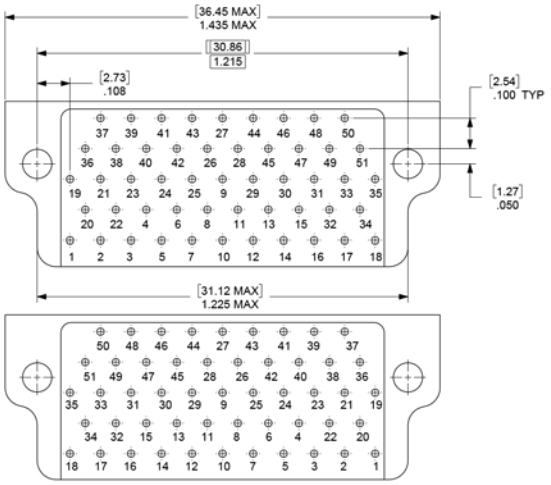
37 Contacts

PIN



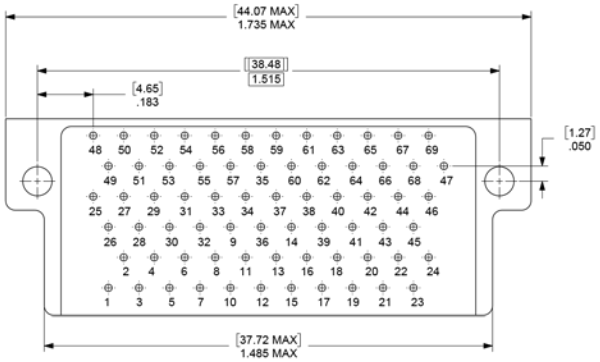
SOCKET

51 Contacts

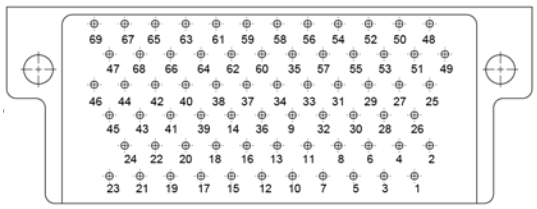


69 Contacts

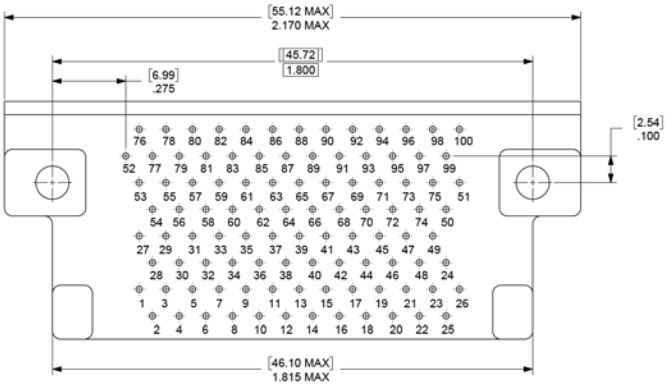
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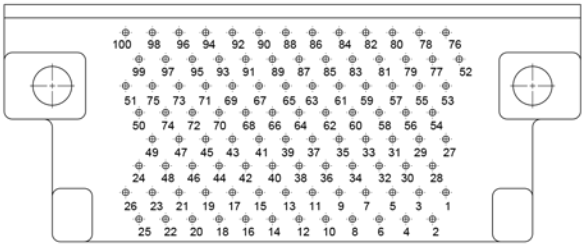


SOCKET



100 Contacts



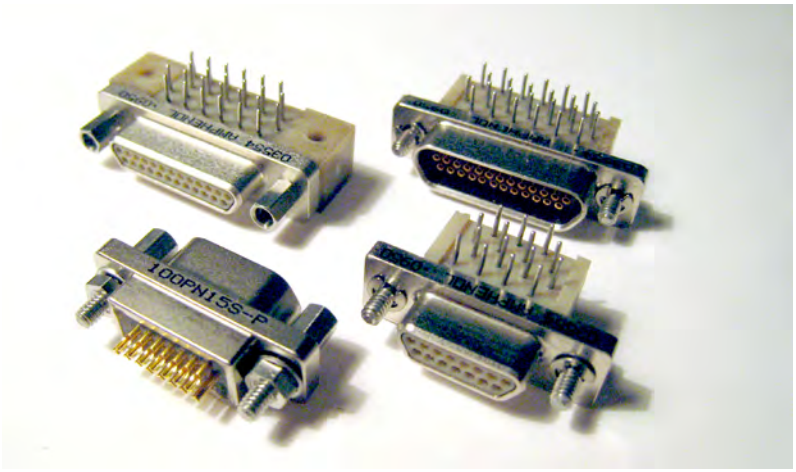


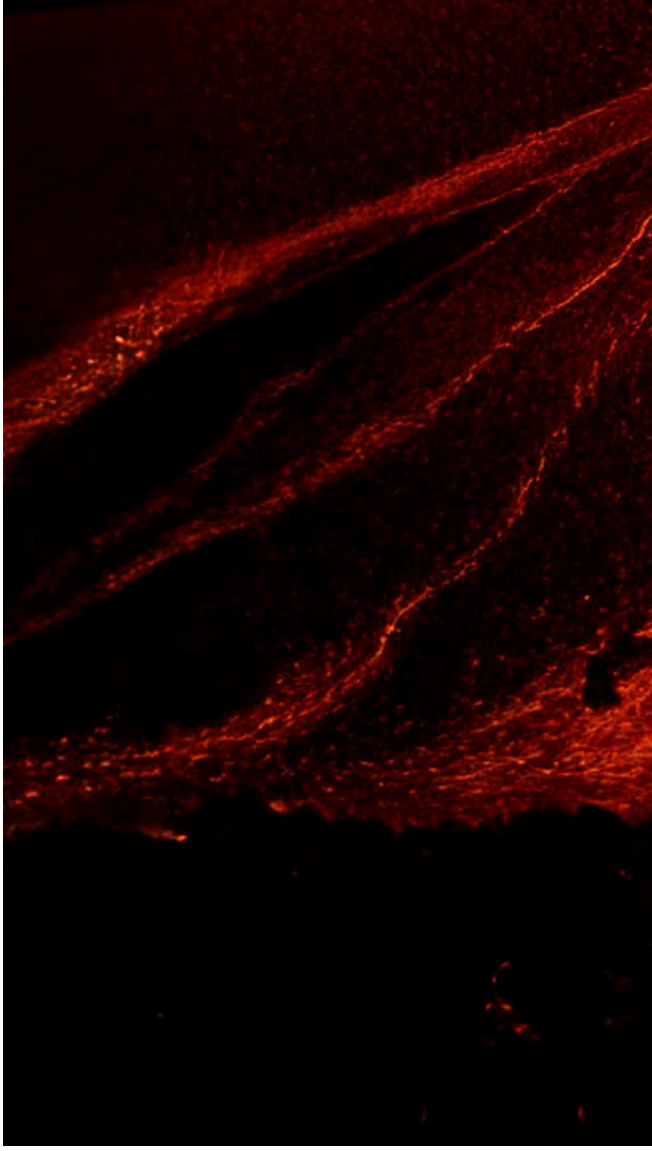
** Cavity identification numbers are for reference only and does not appear on the connector.*

HIGH TEMPERATURE PERFORMANCE

The MDH Series connectors from Amphenol ACC are expertly engineered to perform in mission-critical applications within extreme thermal environments. Designed with precision and built for maximum reliability, these high-temperature Micro-D connectors offer exceptional durability and performance across a wide array of industries, ensuring they meet the rigorous demands of the most challenging and critical applications.

The MDH Series features stainless steel protective shells for superior resilience and corrosion resistance, advanced high-temperature insulator materials to maintain operational integrity in elevated temperatures, and layered epoxy potting for enhanced protection. Fully compliant with MIL-DTL-83513 industry standards, these connectors are a trusted solution for high-performance applications in the most extreme and demanding environments.





TEMP. LIMIT	MDH LEVEL	PERFORMANCE / DEVELOPMENT NOTES	KEY APPLICATIONS
300° C	**Level 1** Industrial High Temperature	Supports operations up to 4 hours at 260°C and 1 hour at 300°C	» Limited mission profile (hypersonic) » Protected space environments
200° C		Designed for continuous duty at 200°C	» Oil / gas (geophysical) » Commercial and industrial rugged applications
125° C	**M83513** Standard Mil. Spec.	Meets MIL-DTL-83513 standards, supporting continuous operation up to 150°C to 175°C in most conditions.	» Military » Commercial » Industrial



HIGH TEMPERATURE MICRO-D

MDH SERIES

Amphenol ACC
Advanced Compact Connectors

The MDH Series high-temperature Micro-D Connectors are engineered to ensure mission-critical performance in extreme environments. Designed for durability and reliability, they perform seamlessly at continuous temperatures of up to 200ºC and modified duty cycles reaching 300ºC, all while meeting rigorous MIL-DTL-83513 standards.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
		Plastic	
	Finish	Metal	» Anodized (Black) » Cadmium (Black Chromate) » Gold » Electroless Nickel » Iridite/Alodine » Nickel fluorocarbon polymer
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

- Stainless steel protective shells
- High-temperature insulator materials
- Layered epoxy potting
- Meets MIL-DTL-83513 performance in varying conditions
- Continuous operation up to 200ºC
- Modified duty up to 300ºC

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

Series	MDH Level	Connector Size	Connector Type		Wire Size (AWG)	Wire Type	Wire Finish	Wire Length	Hardware	Non-Standard Length Code
1	2	3	4		5	6	7	8	9	10
MDH	1	25	P	–	4	A	B	F	4	– 10

Series 1

MDH	High Temperature Micro-D

MDH Level / Shell Material 2

LEVEL 1	
1	Standard (Passivated Stainless Steel)
N	Aluminum Shell, Nickel Plated
P	Plastic Shell

Connector Size† (Number of contacts) 3

09	25	51
15	31	69
21	37	100

† *Consult factory for dimensions*

Connector Type 4

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with EMI Ground Spring

Wire Size (AWG) 5

1	32	4*	26
2	30	5▲	25
3	28	6	24

SOLDER CUP
Omit for Standard Solder Cup

* *M83513 Standard*
▲ *Solid Wire Only*

Wire Type 6

GENERAL APPLICATIONS	
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
MILITARY APPLICATIONS	
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

Wire Color / Finish 7

	Omit for Solder Cup
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf

Wire Length – Dimensions in inches 8

	Omit for Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

Hardware — Pre-installed by factory 9
Metric Codes Available

JACKPOSTS		
P	Standard Jackpost	
REAR PANEL MOUNT		
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
PE	Hex	.075 - .085" (1.91 - 2.16 mm)
PF	Hex	.120 - .130" (3.05 - 3.30 mm)
PG	Hex	.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB	Slot	.042 - .052" (1.06 - 1.32 mm)
SC	Slot	.057 - .067" (1.45 - 1.70 mm)
SD	Slot	.088 - .098" (2.24 - 2.49 mm)
SE	Slot	.075 - .085" (1.91 - 2.16 mm)
SF	Slot	.120 - .130" (3.05 - 3.30 mm)
SG	Slot	.067 - .077" (1.70 - 1.96 mm)
MOUNTING HOLE		
B	Standard Mounting Holes	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)	
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)	
JACKSCREWS		
M2	Low Profile Jackscrew, Allen Head	
M3	High Profile Jackscrew, Allen Head	
M5	Low Profile Jackscrew, Slot Head	
M6	High Profile Jackscrew, Slot Head	

Hardware — Pre-installed by factory Metric Codes Available *Continued*	9
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew
FLOAT MOUNT	
F	Forward Float Mount
R	Reverse Float Mount

Non-Standard Length Code Dimensions in inches	10
Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

FOR MORE INFORMATION

GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 Series	2 MDH Level		3 Connector Size	4 Connector Type		5 Termination Type	6 Hardware	7 Threaded Insert	8 Lead Length		9 Non-Standard Length Code
MDH	1	–	25	P	–	BR	P	T	F	–	10

1 Series

MDH	High Temperature Micro-D

2 MDH Level / Shell Material

	LEVEL 1
1	Standard (Passivated Stainless Steel)
N	Aluminum Shell, Nickel Plated
P	Plastic Shell

3 Connector Size† (Number of contacts)

09	25	51
15	31	69
21	37	100

†*Consult factory for dimensions*

4 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with EMI Ground Spring

5 Termination Type

CBR	Narrow Right Angle PCB Per M83513 /10 - /15
HBR	High Density CBR
BR	Right angle PCB Per M83513 /16 - /21
BS	Straight PCB Per M83513 /22 - /27
C6	Straight PCB Per M83513 /28 - /33
H6	High Density C6
C16	Straight PCB with Flange (C6 PCB Configuration)
H16	High Density C16

6 Hardware — Pre-installed by factory
Metric Codes Available

	Omit for no threaded Insert
	MOUNTING HOLE
B*	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
	JACKPOSTS
P	Standard Jackpost
	REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

	FLOAT MOUNT *
F	Forward Float Mount
R	Reverse Float Mount
	JACKSCREWS *
M2	Low Profile Jackscrew, Allen Head

6 Hardware — Pre-installed by factory
Metric Codes Available
Continued

M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew

* *Only available for C16/H16 terminations and are not pre-installed by Factory*

7 Threaded Insert ▲

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9-69)
U	#4-40 Threaded Insert (Size 100 Only)
V	M2 Threaded Insert (Size 9-69)
Z	M3 Threaded Insert (Size 100 Only)

▲ *Pre-installed PCB mounting options*

8 Lead Length – Dimensions in inches

1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
	GOLD		
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

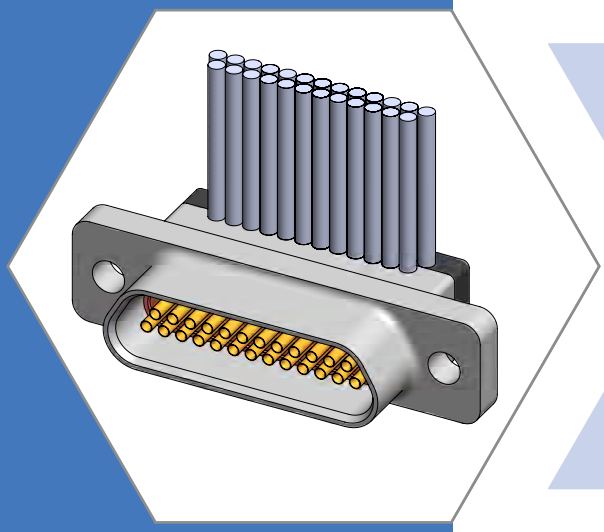
9 Non-Standard Length Code
Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"

FOR MORE INFORMATION

GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**



RIGHT ANGLE WIRES

115 & 116 SERIES

Amphenol's 115 & 116 Series offer a space-saving, pre-wired solution with encapsulated wiring arranged at a right angle to the mating interface—on either the long or short row of contacts. The design retains the standard robust metal shell for RFI/EMI shielding and is available with various plating options, including nickel and cadmium.

Pre-wired, fully potted, 100% tested, and ready for immediate use.

SPECIFICATIONS

Shell	Material	Metal	» Aluminum Alloy » Stainless Steel (Passivated)
	Finish	Metal	» Anodized (Black) » Zinc Nickel (Black Chromate) » Cadmium (Yellow Chromate) » Olive Drab Cadmium » Electroless Nickel » Gold » Zinc Nickel - 48 hrs » Nickel fluorocarbon polymer
Insulator			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

FEATURES

HARNESSED CONNECTORS

- Space saving right angle exit on either the long or short row
- Metal shells to provide RFI/EMI shielding
- Supplied pre-wired and fully potted

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	115	R	N	15	P	–	3	E	6	F	M2	–	48

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

115	Right Angle Short Row Exit
116	Right Angle Long Row Exit
145	Right Angle Short Row Exit (Passivated Stainless Steel)
146	Right Angle Long Row Exit (Passivated Stainless Steel)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 145 & 146 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69	

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Wire Size (AWG)

3	28	5†	25
4*	26	6	24

* *M83513 Standard*
† *Solid Wire Only*

8 Wire Type

	GENERAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
	MILITARY APPLICATIONS
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Color / Finish

1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf

10 Wire Length – Dimensions in inches

A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Hardware — Pre-installed by factory
Metric Codes Available

	JACKPOSTS	
P	Standard Jackpost	
	REAR PANEL MOUNT	
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
PE	Hex	.075 - .085" (1.91 - 2.16 mm)
PF	Hex	.120 - .130" (3.05 - 3.30 mm)
PG	Hex	.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB	Slot	.042 - .052" (1.06 - 1.32 mm)
SC	Slot	.057 - .067" (1.45 - 1.70 mm)
SD	Slot	.088 - .098" (2.24 - 2.49 mm)
SE	Slot	.075 - .085" (1.91 - 2.16 mm)
SF	Slot	.120 - .130" (3.05 - 3.30 mm)
SG	Slot	.067 - .077" (1.70 - 1.96 mm)
	MOUNTING HOLE	
B	Standard Mounting Holes	
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)	

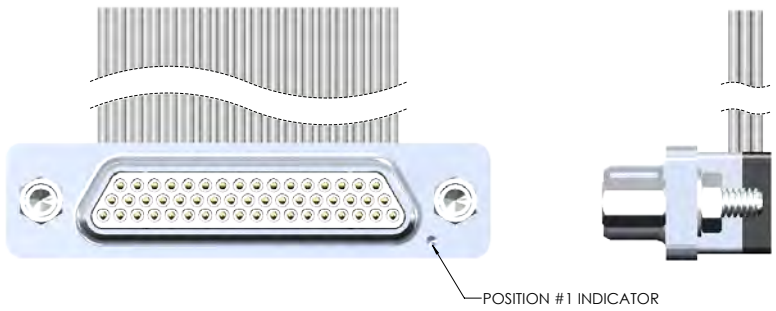
Hardware — Pre-installed by factory 11
Metric Codes Available
Continued

D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
	JACKSCREWS
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew
	FLOAT MOUNT
F	Forward Float Mount
R	Reverse Float Mount

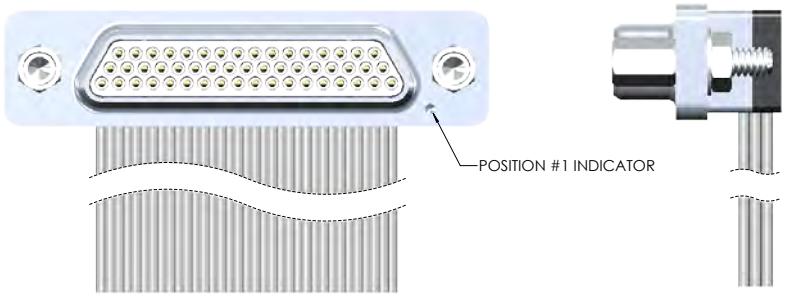
Non-Standard Length Code 12
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

115 SERIES



116 SERIES

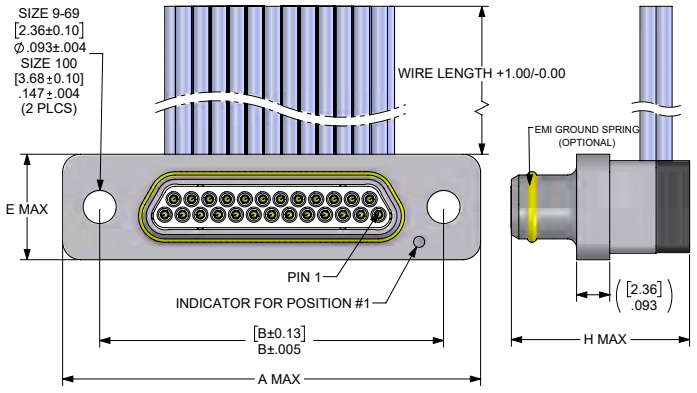


FOR MORE INFORMATION

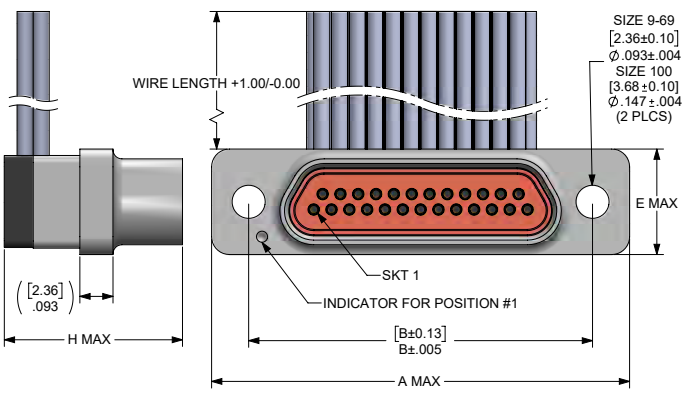
GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**

PLUG

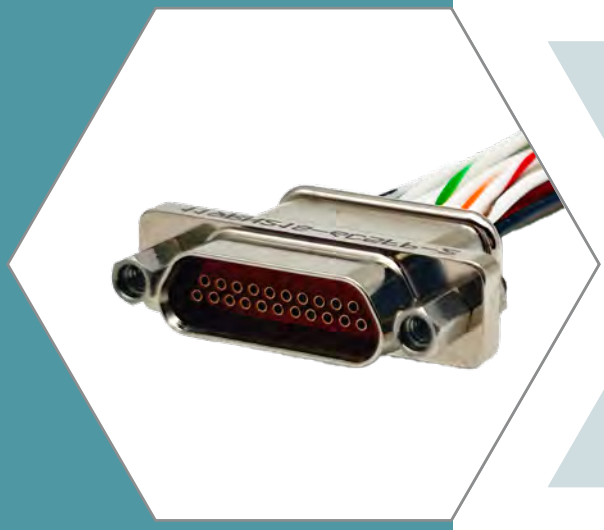


RECEPTACLE



Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	E MAX	H MAX
09	.785 (19.94)	.565 (14.35)	.308 (7.82)	.500 (12.7)
15	.935 (23.75)	.715 (18.16)		
21	1.085 (27.56)	.865 (21.97)		
25	1.185 (30.10)	.965 (24.51)		
31	1.335 (33.91)	1.115 (28.32)		
37	1.485 (37.72)	1.265 (32.13)		
51	1.435 (36.45)	1.215 (30.86)	.351 (8.92)	.530 (13.46)
69	1.735 (44.07)	1.515 (38.48)	.351 (8.92)	.530 (13.46)
100	2.170 (55.12)	1.800 (45.72)	.394 (10.01)	.550 (13.97)



INTEGRATED SHELL MICRO-D

119 SERIES

The 119 Series features integrated backshell construction. This is a cost-effective solution for the traditional Micro-D plus backshell option, while still maintaining all electrical performance parameters

FEATURES

HARNESSED CONNECTORS

- Fully intermateable with existing M83513 connectors
- One-piece shell construction
- Lower cost than traditional Micro-D + backshell
- Available in all standard wire options
- Identical electrical performance of conventional M83513 design

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Finish	Metal	» Anodized (Black) » Cadmium (Black Chromate) » Gold » Electroless Nickel » Zinc Nickel - 48 hrs » Nickel fluorocarbon polymer
Insulator			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51 | 69 | 100
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent
	High Temp		EP173859 or equivalent
Wire	Insulated		MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated		Copper per A-A-59551 (QQ-W-343)
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	119	R	N	21	S	–	6	A	4	F	P	–	10

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

119	Standard Integrated Backshell
149	Standard Integrated Backshell (Passivated Stainless Steel)
143	O-Ring Integrated Backshell (Passivated Stainless Steel)
115B	Right Angle Integrated Backshell (exit to short row)
116B	Right Angle Integrated Backshell (exit to long row)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 149 & 143 series
A	Anodized (Black)
C	Cadmium (Yellow Chromate)
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51	100
15	25	37	69	

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with EMI Ground Spring

7 Wire Size (AWG)

3†	28	5▲	25
4*	26	6	24

† *Exclusive to 15B/116B Series*
* *M83513 Standard*
▲ *Solid Wire Only / Unavailable for 115B/116B Series*

8 Wire Type

	GENERAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
	MILITARY APPLICATIONS
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Color / Finish

1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf

10 Wire Length – Dimensions in inches

A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Hardware — Pre-installed by factory
Metric Codes Available

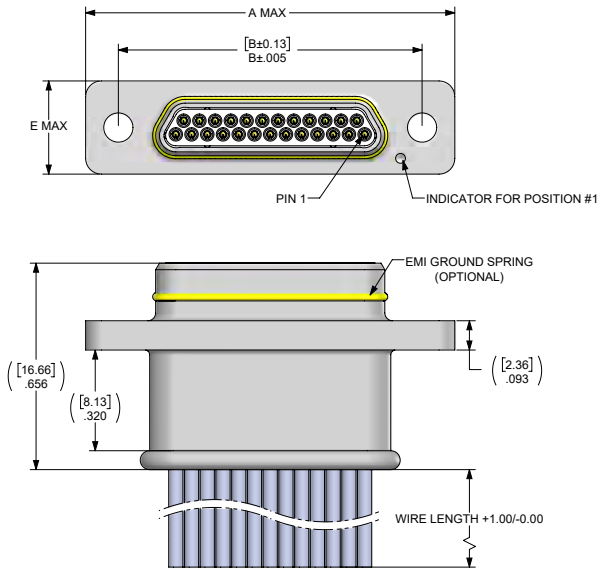
B▣	Standard Mounting Holes
P	Jackpost
M2	Low Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head

▣ *Unavailable for 115B/116B Series*

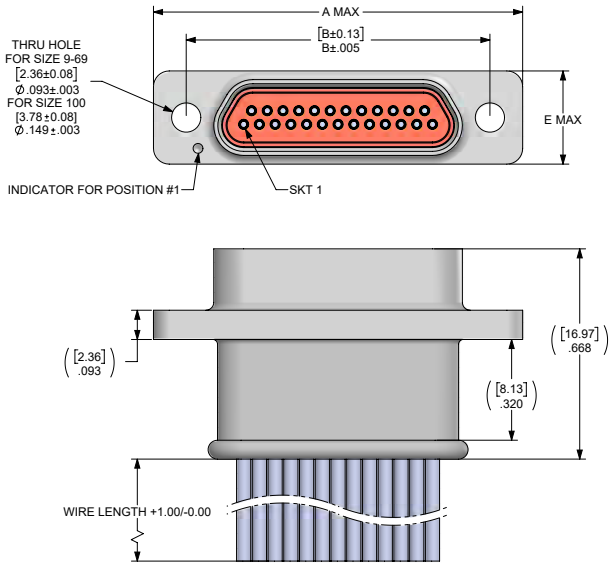
12 Non-Standard Length Code
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

PLUG



RECEPTACLE



Dimensions are in inch (mm)

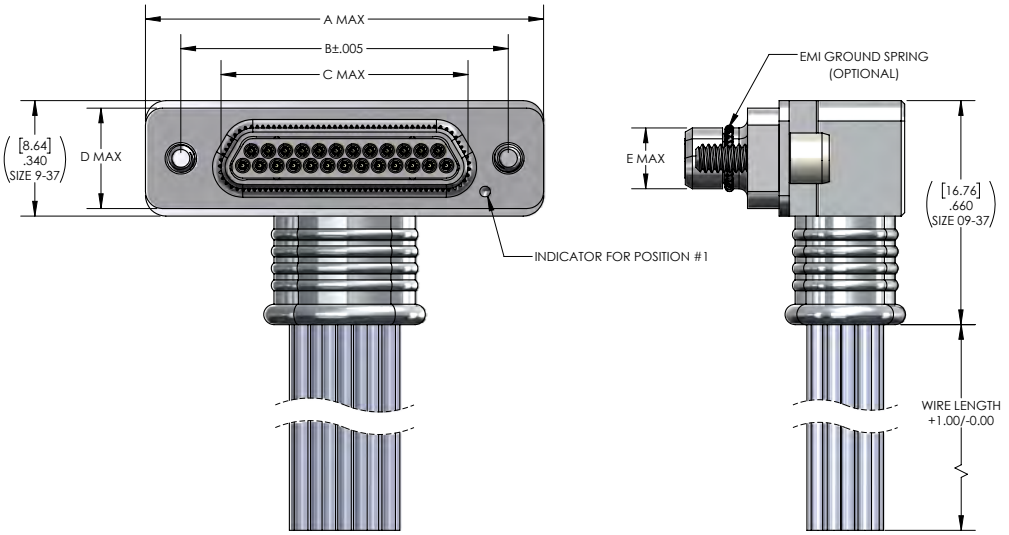
SIZE	A MAX	B ±0.005 (0.13)	E MAX
09	.785 (19.94)	.565 (14.35)	.308 (7.82)
15	.935 (23.75)	.715 (18.16)	
21	1.085 (27.56)	.865 (21.97)	
25	1.185 (30.10)	.965 (24.51)	
31	1.335 (33.91)	1.115 (28.32)	
37	1.485 (37.72)	1.265 (32.13)	
51	1.435 (36.45)	1.215 (30.86)	.351 (8.92)
69	1.735 (44.07)	1.515 (38.48)	
100	2.170 (55.12)	1.800 (45.72)	.394 (10.01)

Only applicable for Standard Integrated Backshell Connectors

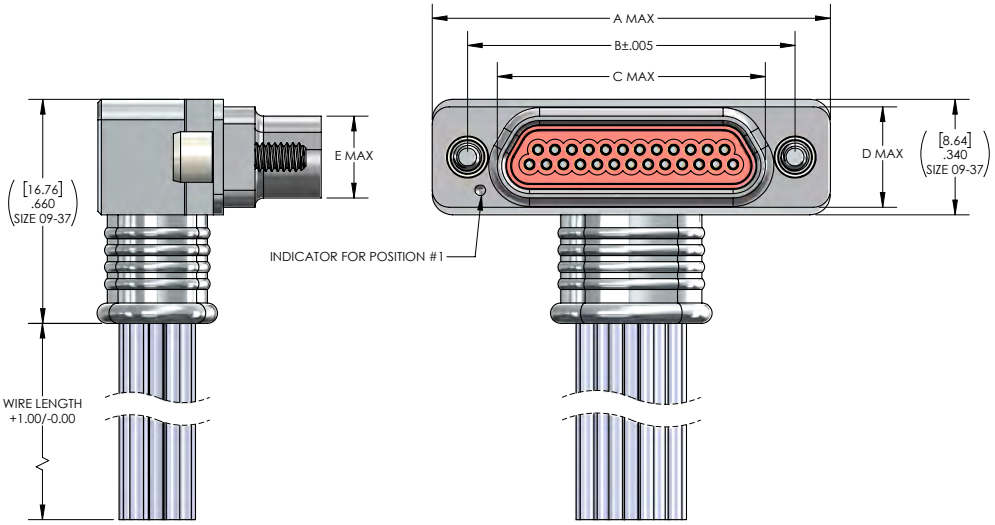
HARNESSED CONNECTORS
DIMENSIONS

RIGHT ANGLE INTEGRATED BACKSHELL — 115B & 116B SERIES

PLUG

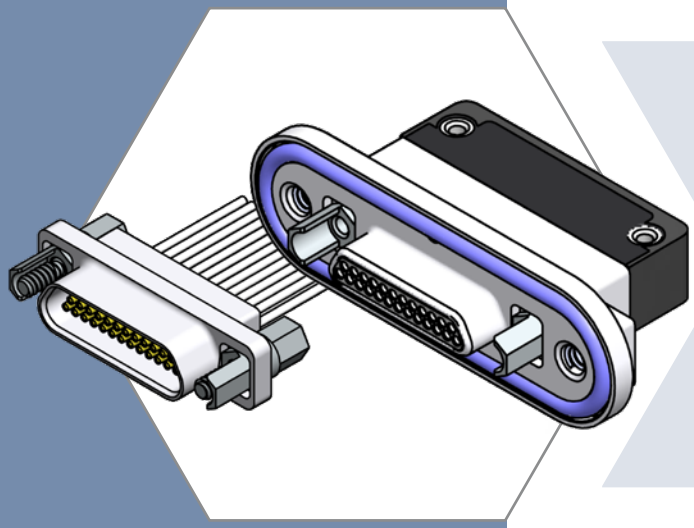


RECEPTACLE



Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C MAX		D MAX	E MAX	
			PLUG	RCPT		PLUG	RCPT
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.308 (7.82)	.185 (4.70)	.253(6.43)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)			
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)			
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)			
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)			
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)			
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.351 (8.92)	.228(5.79)	.296(7.52)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)			
100	2.170 (55.12)	1.800 (45.72)	1.384 (35.13)	1.452 (36.88)	.394 (10.01)	.271(6.88)	.333(8.46)



KEYED HARDWARE MICRO-D

K (KEYED) SERIES

Amphenol's "K" Series connectors offers interconnect solutions with customizable keying, complemented by a range of hardware options. Achieve compact, high-performance mating for your connectivity requirements.

FEATURES

HARNESSED CONNECTORS

- Customer-modifiable keying for dense interconnect applications
- Hardware keying options for all series, offering compact and configurable mating

PCB CONNECTORS

- Available in straight and right angle termination style
- Solid copper 24 AWG PCB leads, Tin plated, and solder dipped

SPECIFICATIONS

Wire	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Plastic	Polyphenylene Sulfide (Ryton)
Insulator / PCB Backshell		Polyphenylene sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts		Copper alloy, 50 micro-inches gold plate over nickel
Hardware		Stainless steel, passivated
Potting Material	Standard	EP1730-1 or equivalent
	High Temp	EP173859 or equivalent
Wire	Insulated	MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated	Copper per A-A-59551 (QQ-W-343)
Coupling		Friction or Jackscrews into jackposts/threaded Inserts
Contact Spacing		.050 (1.27) centers
Contact Termination		Multiple indent crimp

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code		13 Hardware Keying
E	1K0	R	N	25	P	–	4	A	5	F	P	–	48	–	XX

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

1K0	Metal Shell Per M83513
1K2	Plastic Shell (Dimensionally identical to 100 series)
1K4	Passivated Stainless Steel (Dimensionally identical to 100 series)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 1K2 & 1K4 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	25	51
15	31	69▲
21	37	100

▲ *Non-military spec. (I.A.W M83513)*

Note: For detailed connector dimensions, please contact the factory directly.

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Wire Size (AWG)

1	32	4	26 (M83513)
2	30	5†	25
3	28	6	24
SOLDER CUP			
Omit for Standard Solder Cup		7	Special 24 AWG

† *Solid Wire Only*

8 Wire Type

	Omit for Standard Solder Cup
GENERAL APPLICATIONS	
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
MILITARY APPLICATIONS	
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Finish (Color)

	Omit for Solder Cup
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf
7	1st 15 colors black thru white/Yellow Repeated (Size 21+ Only)
8	Twisted Pairs, White/Blue
9	Twisted Pairs, White/Blue, Marked

10 Wire Length – Dimensions in inches

	Omit for Standard Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Hardware — Pre-installed by factory
Metric Codes Available

	Omit for no threaded Insert
MOUNTING HOLE	
B	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)

Hardware — Pre-installed by factory 11

Metric Codes Available

Continued

JACKSCREWS	
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew
JACKPOSTS	
P	Standard Jackpost

REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

FLOAT MOUNT	
F	Forward Float Mount
R	Reverse Float Mount

Non-Standard Length Code 12

Dimensions in inches

Stranded Wire	1 = 1.00" 100 = 100.00"
Solid Wire (0.109" < Length < 1.00")	110=.110" 999=.999"

Hardware Keying 13

XX	Standard
A00	Alternate Keying

PART NUMBER KEY

RoHS Compliance	Series	Insulator Material	Shell Finish	Connector Size	Connector Type		Termination Type	Hardware	Threaded Insert	Lead Length		Non-Standard Length Code		Hardware Keying
1	2	3	4	5	6		7	8	9	10		11		12
E	1K0	R	N	25	P	-	BR	P	T	F	-	125	-	XX

RoHS Compliance (1)

E	RoHS Compliant
	Blank for Non-RoHS

Series (2)

1K0	Metal Shell Per M83513
1K2	Plastic Shell (Dimensionally identical to 100 SERIES)
1K4	Passivated Stainless Steel (Dimensionally identical to 100 SERIES)

Insulator Material (3)

R	Polyphenylene Sulfide (Ryton)

Shell Finish (4)

	Omit for 1K2 & 1K4 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

Connector Size (5)
(Number of contacts)

09	25	51
15	31	69*
21	37	100

** Non-military spec. (I.A.W M83513)*

Note: For detailed connector dimensions, please contact the factory directly.

Connector Type (6)

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

Termination Type (7)
Other Types Available

CBR	Narrow Right Angle PCB Per M83513 /10 - /15
HBR	High Density CBR
BR	Right angle PCB Per M83513 /16 - /21
BS	Straight PCB Per M83513 /22 - /27
C6	Straight PCB Per M83513 /28 - /33
H6	High Density C6
C16	Straight PCB with Flange (C6 PCB Configuration)
H16	High Density C16

Hardware — Pre-installed by factory (8)
Metric Codes Available

	Omit for no threaded Insert
	MOUNTING HOLE
B*	Standard Mounting Holes
H	Threaded Mounting Hole #2-56 (Size 9-69), #4-40 (Size 100)
D	Metric Threaded Mounting Hole M2 (Size 9-96), M3 (Size 100)
	JACKSCREWS *
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head

Hardware — Pre-installed by factory (8)
Metric Codes Available
Continued

L	Captive Low Profile Jackscrew
K	Captive High Profile Jackscrew
	JACKPOSTS
P	Standard Jackpost
	REAR PANEL MOUNT

P/N	Head Style	Panel Thickness
PA	Hex	.027 - .037" (.68 - .94 mm)
PB	Hex	.042 - .052" (1.06 - 1.32 mm)
PC	Hex	.057 - .067" (1.45 - 1.70 mm)
PD	Hex	.088 - .098" (2.24 - 2.49 mm)
PE	Hex	.075 - .085" (1.91 - 2.16 mm)
PF	Hex	.120 - .130" (3.05 - 3.30 mm)
PG	Hex	.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB	Slot	.042 - .052" (1.06 - 1.32 mm)
SC	Slot	.057 - .067" (1.45 - 1.70 mm)
SD	Slot	.088 - .098" (2.24 - 2.49 mm)
SE	Slot	.075 - .085" (1.91 - 2.16 mm)
SF	Slot	.120 - .130" (3.05 - 3.30 mm)
SG	Slot	.067 - .077" (1.70 - 1.96 mm)

	FLOAT MOUNT *
F	Forward Float Mount
R	Reverse Float Mount

** Only available for C16/H16 terminations and are not pre-installed by Factory*

Threaded Insert * 9

	Omit for no threaded Insert
T	#2-56 Threaded Insert (Size 9-69)
U	#4-40 Threaded Insert (Size 100 Only)
V	M2 Threaded Insert (Size 9-69)
Z	M3 Threaded Insert (Size 100 Only)

** Pre-installed PCB mounting options*

Lead Length – Dimensions in inches 10

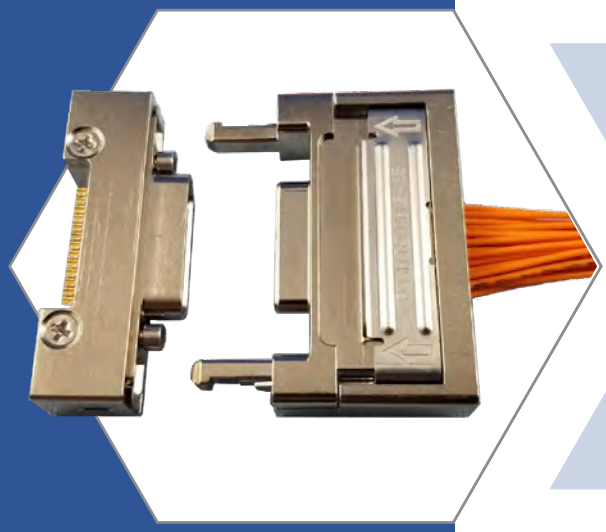
1	.109 ± .015	4	.250 ± .015
2	.140 ± .015	F	Non Standard Length
3	.172 ± .015		
GOLD			
5	.109 ± .015	8	.250 ± .015
6	.140 ± .015	G	Non Standard Length
7	.172 ± .015		

Non-Standard Length Code 11
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

Hardware Keying 12

XX	Standard
A00	Alternate Keying



ClickMate SERIES

LATCHING STANDARD

Our latest innovation for the micro-D interconnect product line, the ClickMate is ready to include today as part of your mission-critical requirements.

FEATURES

HARNESSED CONNECTORS

- Rugged, reliable, and durable
- Solid mating with audible latch confirmation
- Available polarized options for dense connector panel arrangements
- Push action clip release prevents inadvertent unmating in the field

SPECIFICATIONS

Wire	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Plastic	Polyphenylene Sulfide (Ryton)
Insulator		Polyphenylene sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts		Copper alloy, 50 micro-inches gold plate over nickel
Hardware		Stainless steel, passivated
Potting Material	Standard	EP1730-1 or equivalent
	High Temp	EP173859 or equivalent
Wire	Insulated	MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated	Copper per A-A-59551 (QQ-W-343)
Coupling		Friction or Jackscrews into jackposts/threaded Inserts
Contact Spacing		.050 (1.27) centers
Contact Termination		Multiple indent crimp

HARNESSED CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Wire Size (AWG)	8 Wire Type	9 Wire Finish	10 Wire Length	11 Hardware		12 Non-Standard Length Code
E	1L0	R	N	25	P	–	4	A	5	F	P	–	48

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

1L0	Metal Shell Per M83513
1L4	Passivated Stainless Steel (Dimensionally identical to 100 series)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 1L4 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	25	51
15	31	69*
21	37	100

** Non-military spec. (I.A.W M83513)*

Note: For detailed connector dimensions, please contact the factory directly.

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Wire Size (AWG)

1	32	4*	26 (M83513)
2	30	5†	25
3	28	6	24
SOLDER CUP			
Omit for Standard Solder Cup		7	Special 24 AWG

** M83513 Standard*
† Solid Wire Only

8 Wire Type

	Omit for Standard Solder Cup
	GENERAL APPLICATIONS
A	7 Strand per NEMA-HP3 (MIL-W-16878/4)
B	7 Strand per NEMA-HP3 (Formerly MIL-W-16878/6)
C	19 Strand Per NEMA-HP3 (MIL-W-16878/4)
D	19 Strand Per NEMA-HP3 (MIL-W-16878/6)
	MILITARY APPLICATIONS
E	Per MIL-W-22759/11 (M83513 Standard)
F	Per MIL-W-22759/33 (Space Grade)
L	Solid Wire Uninsulated
G	04035-26A

9 Wire Finish (Color)

	Omit for Solder Cup
1	All White (M83513 STD) - Off Shelf
2	All Yellow
3	Solid Wire Uninsulated, Tin Plated
4	Solid Wire Uninsulated, Gold Plated
5	Color coded per Mil-STD-681, System 1
6	1st 10 Colors black thru white, repeated (M83513 STD) Off shelf
7	1st 15 colors black thru white/Yellow Repeated (Size 21+ Only)
8	Twisted Pairs, White/Blue
9	Twisted Pairs, White/Blue, Marked

10 Wire Length – Dimensions in inches

	Omit for Standard Solder Cup
A	18.00 (+1.00/-0.00)
B	36.00 (+1.00/-0.00)
C	72.00 (+1.00/-0.00)
D	.500 (Solid Wire Only +0.20/-0.00)
E	1.00 (Solid Wire Only +0.20/-0.00)
F	Non-Standard Length

11 Latching Hardware
Pre-installed by factory

A	Latching Posts
V	Latching Clip / Cavity

12 Non-Standard Length Code
Dimensions in inches

Stranded Wire	1 = 1.00” 100 = 100.00”
Solid Wire (0.109” < Length < 1.00”)	110=.110” 999=.999”

FOR MORE INFORMATION

GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION
CONSULT:
amphenolacc.com/**Sales**



SURFACE MOUNT MICRO-D

SMT SERIES

Amphenol ACC micro-D solutions for surface mount terminations (SMT) are available in multiple configurations to support all kinds of PCB interconnect requirements. These connectors feature precision tail location and compact design to support board interfaces for micro-D interconnectivity.

SPECIFICATIONS

Wire	Metal	» Aluminum alloy » Stainless Steel (Passivated)
	Plastic	Polyphenylene Sulfide (Ryton)
Insulator / PCB Backshell		Polyphenylene sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts		Copper alloy, 50 micro-inches gold plate over nickel
Hardware		Stainless steel, passivated
Potting Material	Standard	EP1730-1 or equivalent
	High Temp	EP173859 or equivalent
Wire	Insulated	MIL-W-16878/4 or /6 (available 7 or 19 strands) MIL-W-22759/11 or /33
	Solid Uninsulated	Copper per A-A-59551 (QQ-W-343)
Coupling		Friction or Jackscrews into jackposts/threaded Inserts
Contact Spacing		.050 (1.27) centers
Contact Termination		Multiple indent crimp

FEATURES

HARNESSED CONNECTORS

- Supplied pre-wired and fully potted
- Plastic and metal shells are intermateable and intermountable
- Metal shells to provide RFI/EMI shielding

PCB CONNECTORS

- Available in straight and right angle termination style
- Solid copper 24 AWG PCB leads, Tin plated, and solder dipped

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware
E	100	R	N	25	P	–	BM	P

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

100	Metal Shell Per M83513
104	Passivated Stainless Steel (Dimensionally identical to 100 SERIES)

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 104 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	35	51*
15	25	37	

** 2 Row Only*

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Termination Type
Other Types Available

CE	Card Edge Surface Mount
HM	Horizontal Surface Mount
VM	Vertical Surface Mount
BM	Vertical Surface Mount (BS Style)

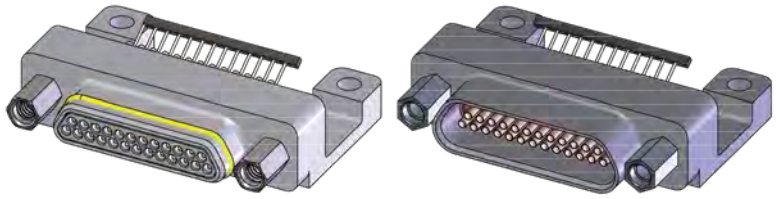
8 Hardware — Pre-installed by factory
Metric Codes Available

MOUNTING HOLE	
B	Standard Mounting Holes
JACKSCREWS	
M2	Low Profile Jackscrew, Allen Head
M3	High Profile Jackscrew, Allen Head
M5	Low Profile Jackscrew, Slot Head
M6	High Profile Jackscrew, Slot Head
JACKPOSTS	
P	Standard Jackpost

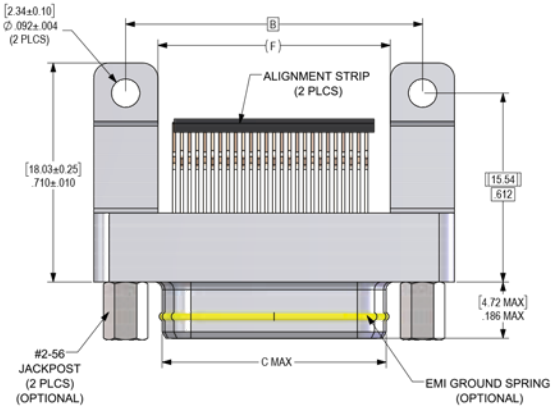
REAR PANEL MOUNT

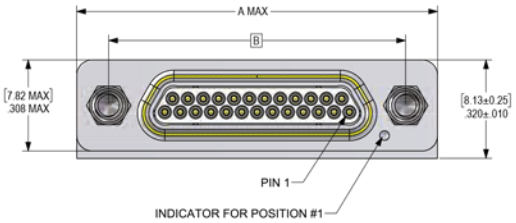
P/N	Head Style	Panel Thickness
PA	Hex	027 - .037" (.68 - .94 mm)
PB		.042 - .052" (1.06 - 1.32 mm)
PC		.057 - .067" (1.45 - 1.70 mm)
PD		.088 - .098" (2.24 - 2.49 mm)
PE		.075 - .085" (1.91 - 2.16 mm)
PF		.120 - .130" (3.05 - 3.30 mm)
PG		.067 - .077" (1.70 - 1.96 mm)
SA	Slot	.027 "-.037" (.68 - .94 mm)
SB		.042 - .052" (1.06 - 1.32 mm)
SC		.057 - .067" (1.45 - 1.70 mm)
SD		.088 - .098" (2.24 - 2.49 mm)
SE		.075 - .085" (1.91 - 2.16 mm)
SF		.120 - .130" (3.05 - 3.30 mm)
SG		.067 - .077" (1.70 - 1.96 mm)

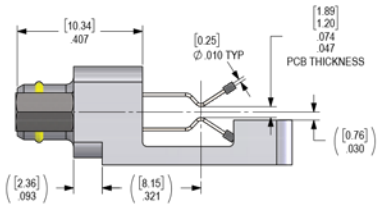
CE TERMINATION
CARD EDGE
SURFACE MOUNT



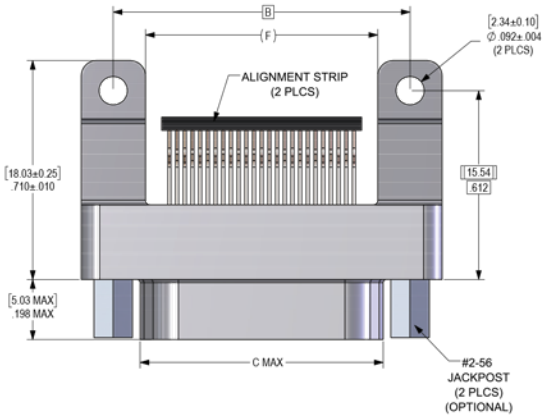
PLUG

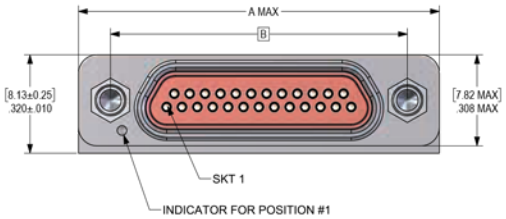


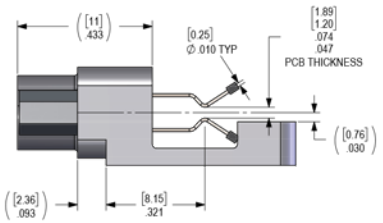




RECEPTACLE



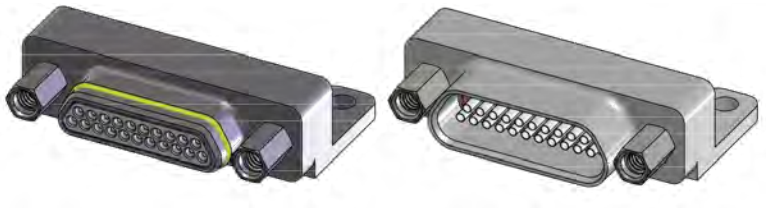


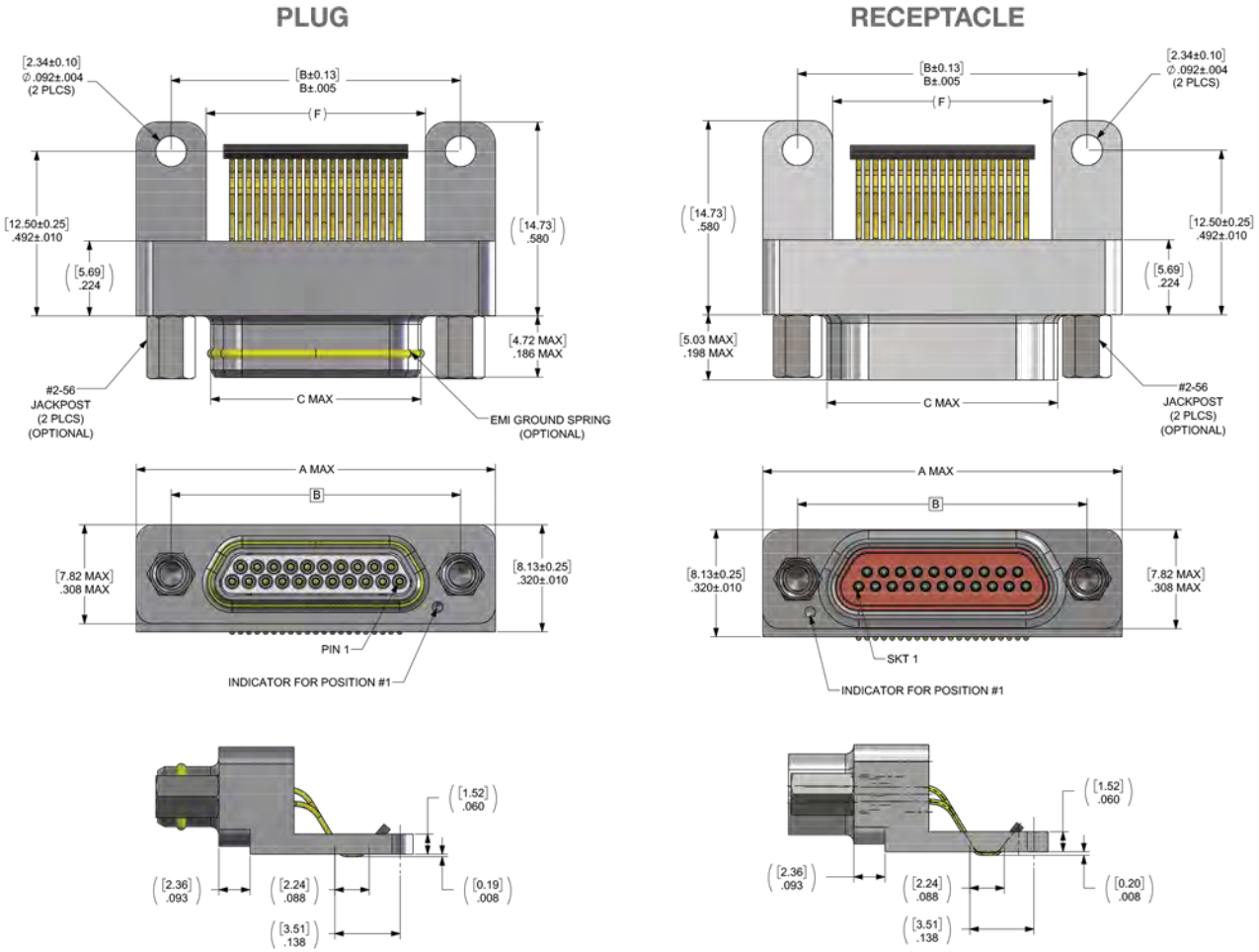


Dimensions are in inch (mm)

SIZE	A MAX	B	C MAX		F Ref.
			PLUG	RCPT	
09	.785 (19.94)	.565 (14.35)	.402 (10.21)	.334 (8.48)	.355 (9.02)
15	.935 (23.75)	.715 (18.16)	.552 (14.02)	.484 (12.29)	.505 (12.83)
21	1.085 (27.56)	.865 (21.97)	.702 (17.83)	.634 (16.10)	.655 (16.64)
25	1.185 (30.10)	.965 (24.51)	.802 (20.37)	.734 (18.64)	.755 (19.18)
31	1.335 (33.91)	1.115 (28.32)	.952 (24.18)	.884 (22.45)	.905 (22.99)
37	1.485 (37.72)	1.265 (32.13)	1.102 (27.99)	1.034 (26.26)	1.055 (26.80)
51-2	1.835 (46.61)	1.615 (41.02)	1.452 (36.88)	1.384 (35.15)	1.405 (35.69)

HM TERMINATION
HORIZONTAL
SURFACE MOUNT

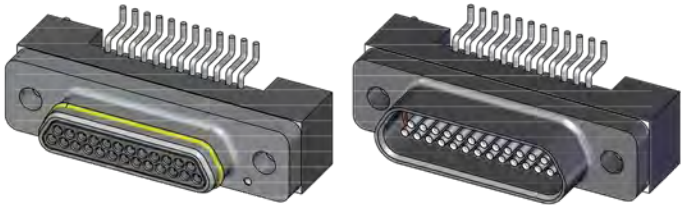


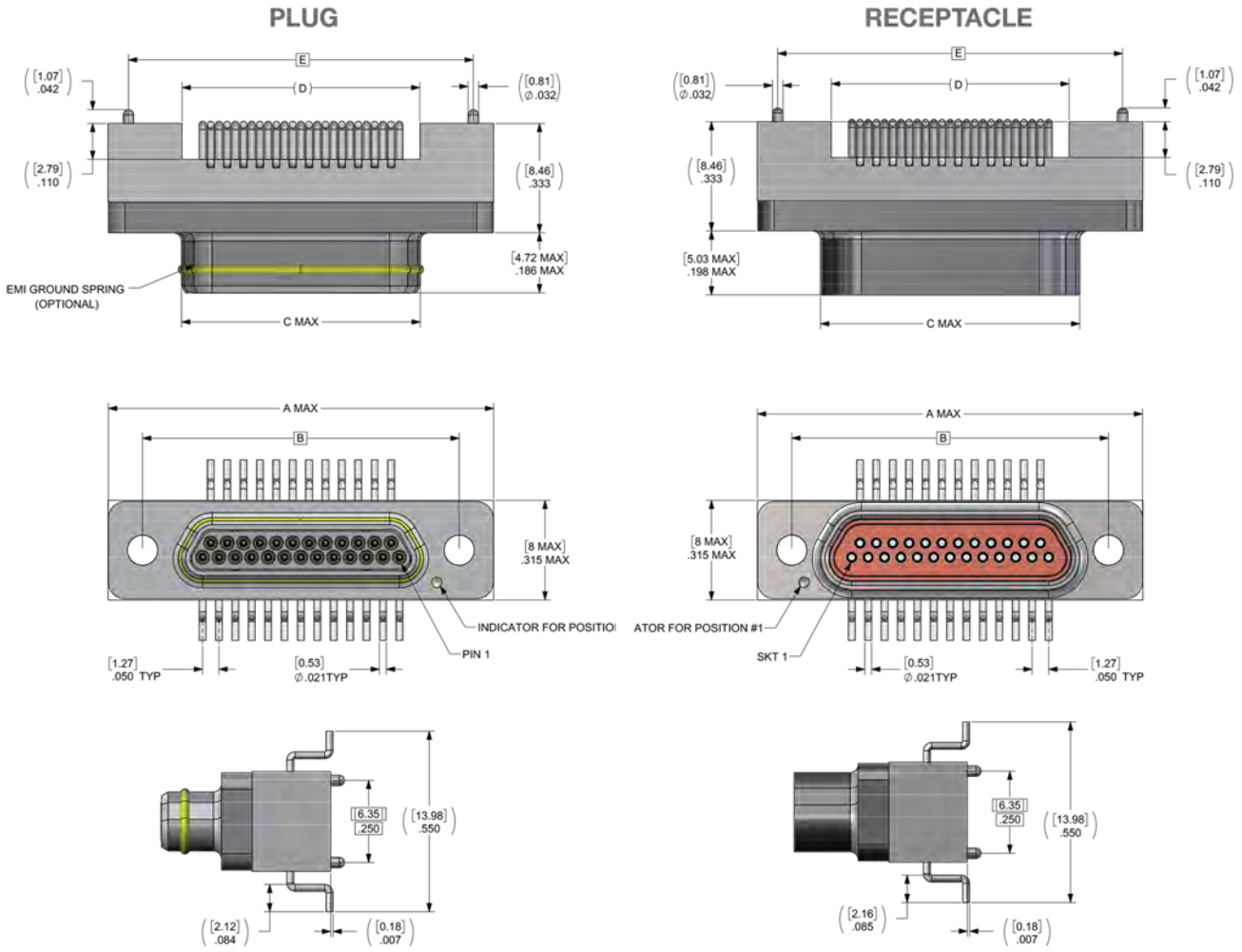


Dimensions are in inch (mm)

SIZE	A MAX	B	C MAX		F Ref.
			PLUG	RCPT	
09	.785 (19.94)	.565 (14.35)	.402 (10.21)	.334 (8.48)	.355 (9.02)
15	.935 (23.75)	.715 (18.16)	.552 (14.02)	.484 (12.29)	.505 (12.83)
21	1.085 (27.56)	.865 (21.97)	.702 (17.83)	.634 (16.10)	.655 (16.64)
25	1.185 (30.10)	.965 (24.51)	.802 (20.37)	.734 (18.64)	.755 (19.18)
31	1.335 (33.91)	1.115 (28.32)	.952 (24.18)	.884 (22.45)	.905 (22.99)
37	1.485 (37.72)	1.265 (32.13)	1.102 (27.99)	1.034 (26.26)	1.055 (26.80)
51-2	1.835 (46.61)	1.615 (41.02)	1.452 (36.88)	1.384 (35.15)	1.405 (35.69)

VM TERMINATION
VERTICAL
SURFACE MOUNT





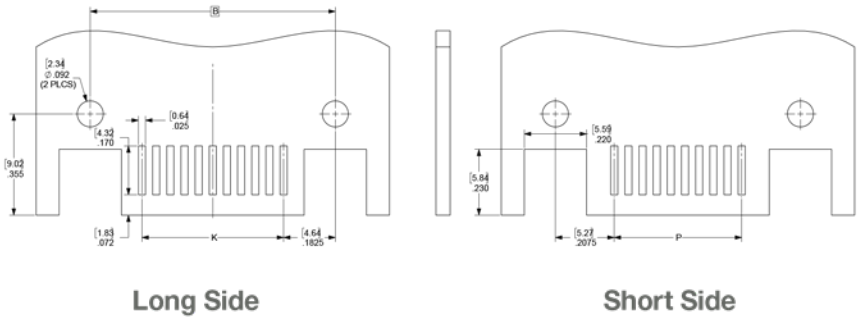
Dimensions are in inch (mm)

SIZE	A MAX	B	C MAX		D Ref.	E
			PLUG	RCPT		
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.355 (9.02)	.650 (16.51)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)	.505 (12.83)	.800 (20.32)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)	.655 (16.64)	.950 (24.13)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)	.755 (19.18)	1.050 (26.57)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)	.905 (22.99)	1.200 (30.48)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)	1.055 (26.80)	1.350 (34.29)
51-2	1.835 (46.61)	1.615 (41.02)	1.384 (35.15)	1.452 (36.88)	1.405 (35.69)	1.700 (43.18)

CE TERMINATION
CARD EDGE
SURFACE MOUNT

Dimensions are in inch (mm)

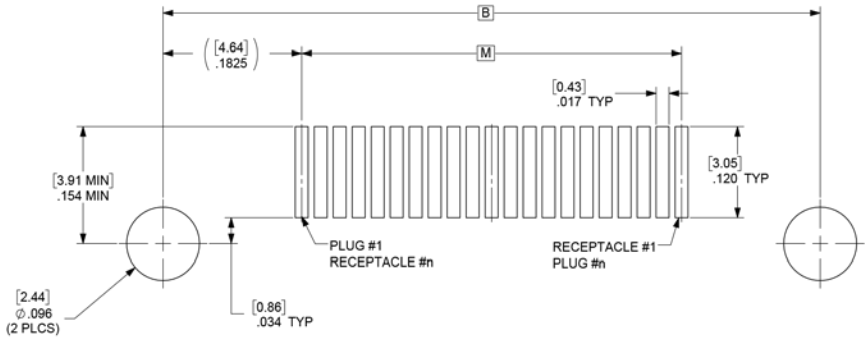
SIZE	B	K	P
09	.565 (14.35)	.200 (5.08)	.150 (3.81)
15	.715 (18.16)	.350 (8.89)	.300 (7.62)
21	.865 (21.97)	.500 (12.70)	.450 (11.43)
25	.965 (24.51)	.600 (15.24)	.550 (13.97)
31	1.115 (28.32)	.750 (19.05)	.700 (17.78)
37	1.265 (32.13)	.900 (22.86)	.850 (21.59)
51-2	1.615 (41.02)	1.25 (35.75)	1.20 (30.48)



HM TERMINATION
HORIZONTAL
SURFACE MOUNT

Dimensions are in inch (mm)

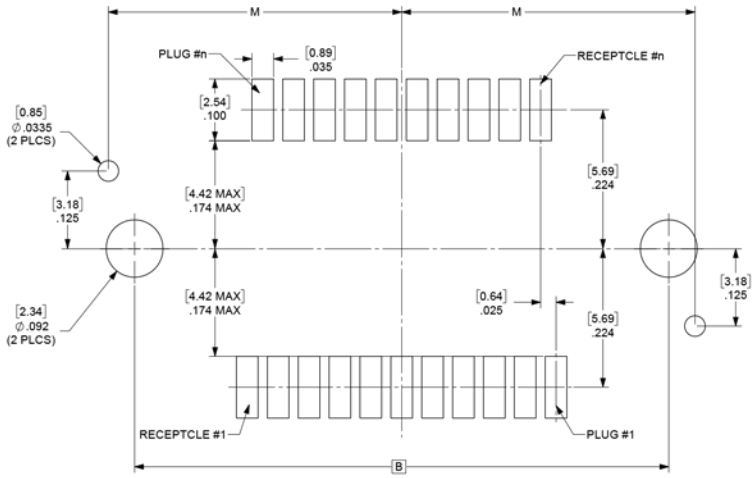
SIZE	B	M
09	.565 (14.35)	.200 (5.08)
15	.715 (18.16)	.350 (8.89)
21	.865 (21.97)	.500 (12.70)
25	.965 (24.51)	.600 (15.24)
31	1.115 (28.32)	.750 (19.05)
37	1.265 (32.13)	.900 (22.86)
51-2	1.615 (41.02)	1.25 (35.75)



VM TERMINATION
VERTICAL
SURFACE MOUNT

Dimensions are in inch (mm)

SIZE	B	M
09	.565 (14.35)	.325 (8.26)
15	.715 (18.16)	.400 (10.16)
21	.865 (21.97)	.475 (12.07)
25	.965 (24.51)	.525 (13.34)
31	1.115 (28.32)	.600 (15.24)
37	1.265 (32.13)	.675 (17.15)
51-2	1.615 (41.02)	.850 (21.59)





Micro C SERIES

SOLDERLESS SURFACE MOUNT

The ***Micro C*** Series presents a solderless surface mount solution, offering a reduced footprint and enhancing PCB assembly time and cost efficiency. It makes these connectors ideal for a wide range of applications, from standard to space-grade settings:

FEATURES

PCB CONNECTORS

- Unique "compression termination" using patented Amphenol surface mount clip technology
- Fully intermateable with standard M83513 connectors
- Reduced footprint and increased contact density
- Eliminates the need for washing and soldering processes saving time and cost in PCB assembly
- Ideal "zero" force replacement to traditional press-fit termination
- Available with precision-stamped pins or new twist pin options

SPECIFICATIONS

Shell	Material	Metal	» Aluminum alloy » Stainless Steel (Passivated)
		Plastic	Polyphenylene Sulfide (Ryton)
	Finish	Metal	» Anodized (Black) » Cadmium (Black Chromate) » Gold » Electroless Nickel » Zinc Nickel » Nickel fluorocarbon polymer
Insulator / PCB Backshell			Polyphenylene Sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent
Contacts	Material		Copper alloy, 50 micro-inches gold plate over nickel
	Spacing		0.050" (1.27mm) centers
	Quantity		9 | 15 | 21 | 25 | 31 | 37 | 51A
Hardware			Stainless steel, passivated
Potting Material	Standard		EP1730-1 or equivalent; or equivalent
	High Temp		EP173859 or equivalent
Coupling			Friction or Jackscrews into jackposts/threaded Inserts

PERFORMANCE

D.W.V	500 VAC / No DWV required after humidity
I.R.	1000 MΩ
Current Rating	3A
Shock	50 G Half-Sine
Vibration	50 to 2000 Hz *Peak: 10gn/axis for 45 min*
Temperature Rating	-55ºC to +125ºC
Humidity	2000 hrs total - from 25º C at 80% to 80ºC at 47% RH (2hrs each temp.)

PCB CONNECTORS
HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series	3 Insulator Material	4 Shell Finish	5 Connector Size	6 Connector Type		7 Termination Type	8 Hardware	9 Board Mounting
E	100	R	N	25	P	–	VC	P	T

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

100	Metal Shell Per M83513
101	Low Profile All Plastic Shell per M83513
102	Plastic Shell (Dimensionally identical to 100 series)
104	Passivated Stainless Steel (Dimensionally identical to 100 series)
105	Strip Connector Backshell Series
107	Micro-D Panel Seal (O-Ring) series
108	Low Profile Metal Shell

3 Insulator Material

R	Polyphenylene Sulfide (Ryton)

4 Shell Finish

	Omit for 101, 102 & 104 series
A	Anodized (Black)
B	Zinc Nickel (Black Chromate)
C	Cadmium (Yellow Chromate)
D	Olive Drab Cadmium
F	Chem Film
N	Electroless Nickel
G	Gold
K	Zinc Nickel - 48 Hrs
L	Pure Electro-Deposited Aluminum
T	Nickel fluorocarbon polymer

5 Connector Size (Number of contacts)

09	21	31	51A*
15	25	37	

** 2 row non-military spec size*

6 Connector Type

P	Plug
S	Receptacle
R	Receptacle with Faceseal Excluded
G	Plug with Ground Spring

7 Termination Type

VC	Vertical Solderless Surface Mount
HC*	Horizontal Solderless Surface Mount

** Consult factory for dimensions*

8 Hardware — Pre-installed by factory
Metric Codes Available

P	#2-56 Hex Jackpost
S	#2-56 Slotted Round Jackpost

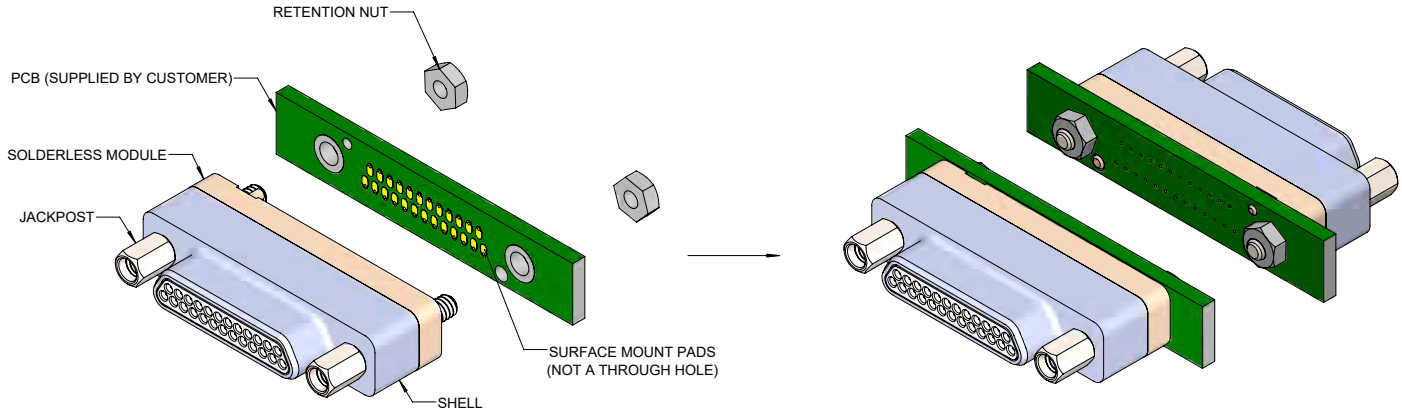
9 Board Mounting

T	#2-56 Threaded Insert
V	M2 Threaded Insert
1	#2-56 Jackpost Length = 0.202 ± 0.015" (5.13 ± 0.38mm)
2	#2-56 Jackpost Length = 0.232± 0.015" (5.89 ± 0.38mm)

HANDLING GUIDELINES

As these connectors have delicate contacts, Amphenol advise to follow the below guidelines to ensure its best performance:

- Handle connector by the outer edges being careful to avoid touching the spring contacts
- Do not touch spring contacts with fingers, tools, wipes, or any other devices
- Latex gloves or finger cots must be used when handling and installing connectors. Do not use cotton gloves when handling the connectors.
- Return connectors to their original containers, if removed for incoming inspection purposes.
- Do not expose connectors to liquid or dry chemicals
- For long-term storage, keep the connectors in a clean, dry environment at a temperature between 40° and 80° F (4° - 26.67° C), and 30% - 60% relative humidity



Standard Micro-D
Environmental & Material Options
Mechanical & Locking Types
Board-Level Solutions
Filtered & EMI Solutions
Accessories

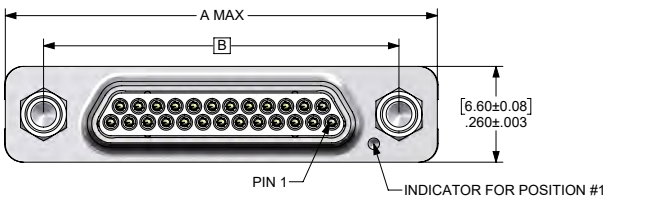
FOR MORE INFORMATION

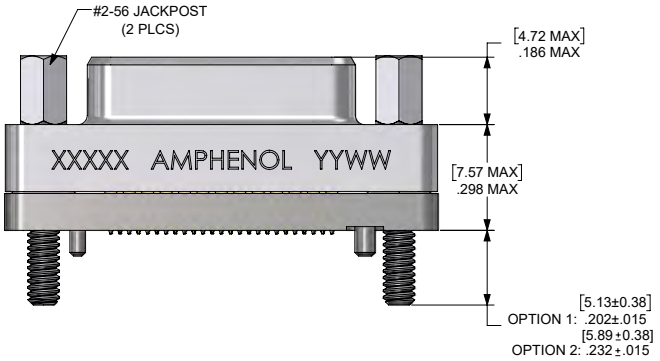
GENERAL INQUIRIES
sales@amphenolacc.com
+1 (416) 291-4401

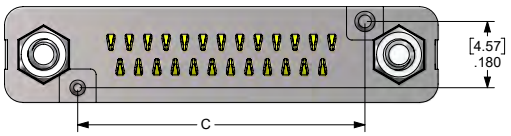
SUPPORT BY REGION CONSULT:
amphenolacc.com/**Sales**

VERTICAL
SOLDERLESS SURFACE MOUNT

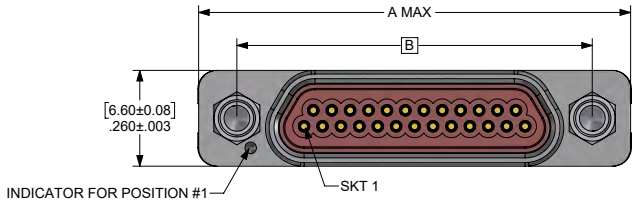
PLUG

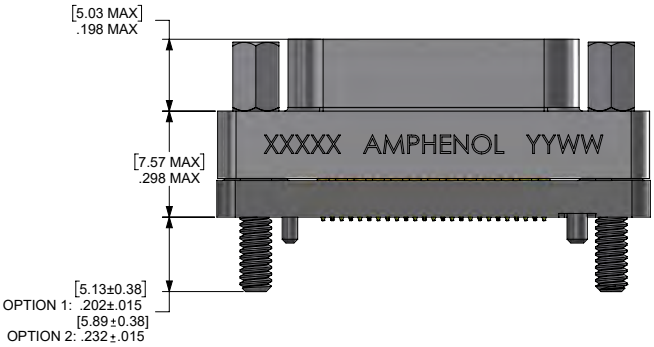


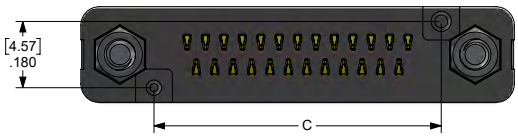


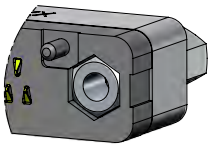


RECEPTACLE

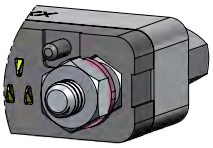








JACKPOST WITH THREADED INSERT SHOWN



LONG JACKPOST SHOWN

Dimensions are in inch (mm)

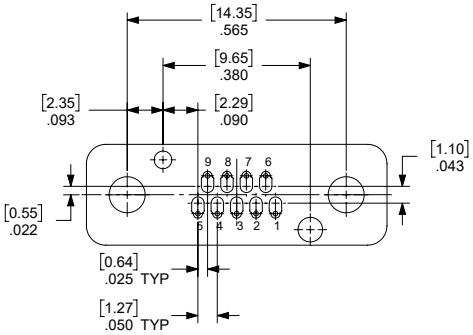
SIZE	A MAX	B	C
09	.785 (19 .94)	.565 (14.35)	.380 (9.65)
15	.935 (23.75)	.715 (18.16)	.530 (13.46)
21	1.085 (27.56)	.865 (21.97)	.680 (17.27)
25	1.185 (30.10)	.965 (24.51)	.780 (19.81)
31	1.335 (33.91)	1.115 (28.32)	.930 (23.62)
37	1.485 (37.72)	1.265 (32.13)	1.080 (27.43)
51A	1.835 (46.61)	1.615 (41.02)	1.430 (36.32)

VERTICAL SOLDER-LESS SURFACE MOUNT TERMINATION

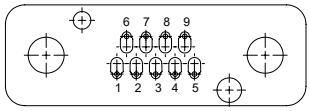
Contact us for more information on the required PCB design details

9 Contacts

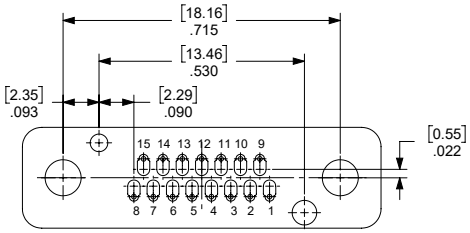
PIN

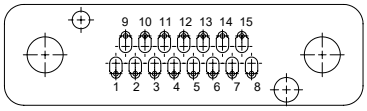


SOCKET



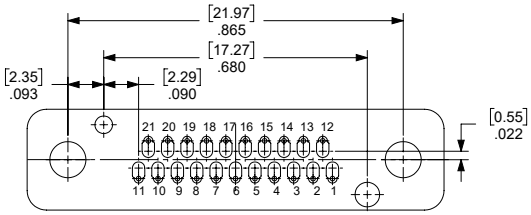
15 Contacts



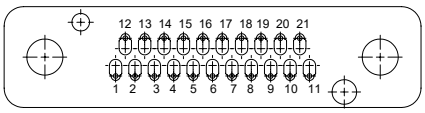


21 Contacts

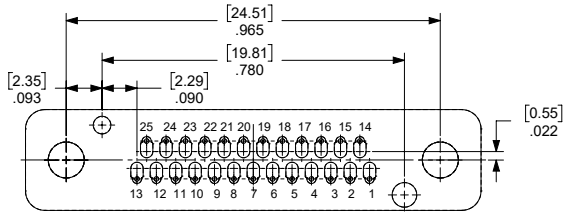
PIN

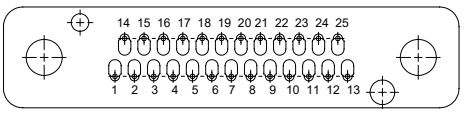


SOCKET



25 Contacts



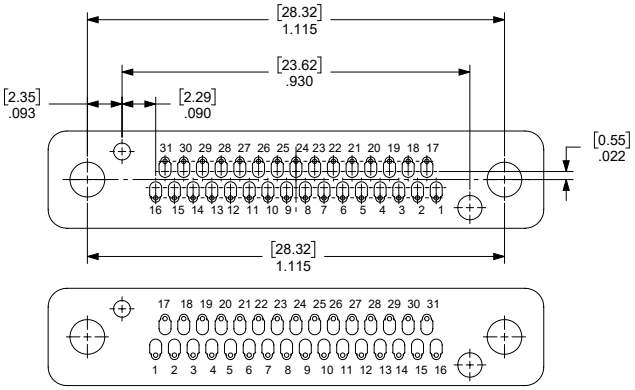


**Cavity identification numbers are for reference only and does not appear on the connector.*

VERTICAL SOLDER-LESS SURFACE MOUNT TERMINATION

Contact us for more information on the required PCB design details

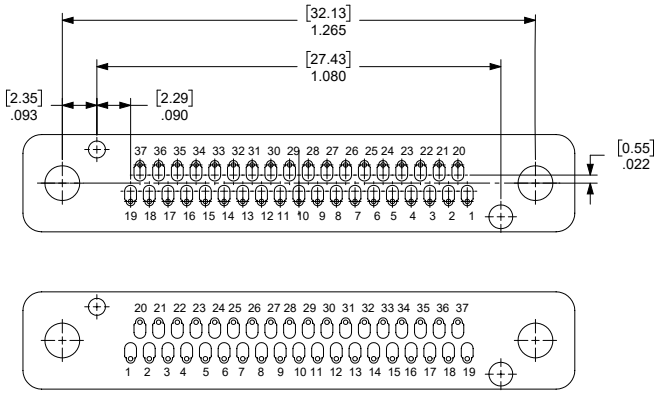
31 Contacts



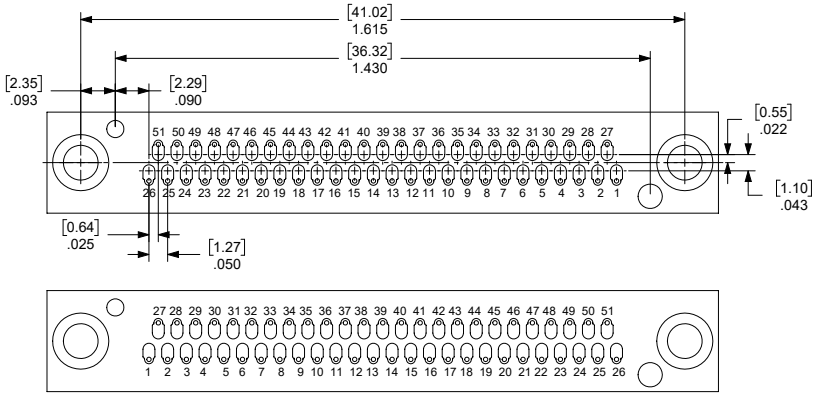
PIN

SOCKET

37 Contacts

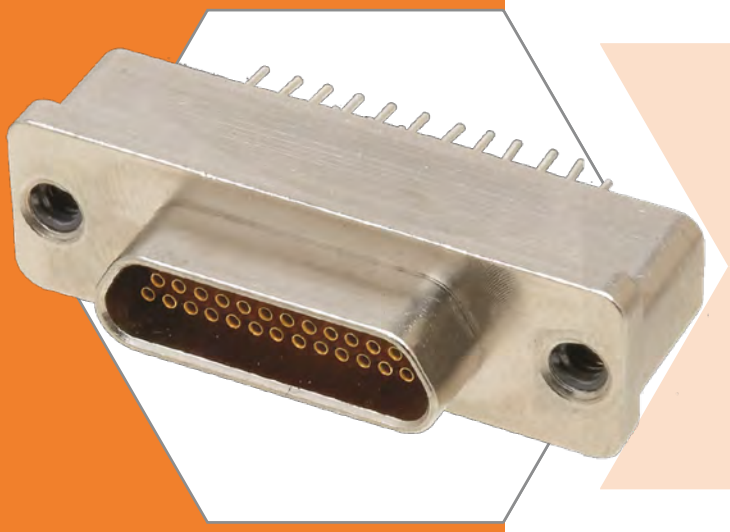


51 Contacts



PIN

SOCKET



FILTERED MICRO-D

M13 SERIES

The M13 Series of Filtered Connectors from Amphenol ACC are designed for military and aerospace applications. These connectors integrate monolithic planar capacitors in a rugged, compact package, meeting MIL-DTL-83513 standards for seamless compatibility. Ideal for space-constrained environments, they prioritize reliability, performance, and space optimization.

SPECIFICATIONS

Component		Material	Finish
Connector Shell		Aluminum alloy	» Tin » Electroless Nickel » Gold » Cadmium (Clear Chromate) » Zinc Nickel
Insulator / PCB Backshell		Polyphenylene sulfide (Ryton) per MIL-M-24519, type GST-40F; or equivalent	
Contacts	Pin	Beryllium Copper	50 micro-inches gold over nickel
	Socket	Copper Alloy	50 micro-inches gold over nickel
Hardware		300 Stainless steel	
PCB Terminals		Copper Alloy	» Gold » Solder Dipped
Capacitors		Planar Ceramic array	
Inductors		Ferrite	
EMI Ground Spring		Beryllium Copper	
Encapsulant		Thermally conductive epoxy	

FEATURES

- Compact and lightweight design ideal for space-constrained applications.
- Integration of monolithic planar capacitors for effective filtering in a small footprint.
- Rugged construction ensures durability in harsh environments.
- High-density packaging facilitates efficient use of space.
- Available in various filter types and mechanical configurations, including wired harnesses and PCB terminations.
- Full intermateability with standard MIL-DTL-83513 connectors for seamless integration into existing systems.

HOW TO ORDER

PART NUMBER KEY

1 RoHS Compliance	2 Series		3 Connector Size	4 Connector Type	5 Termination Type	6 Wire Lead Length	7 Mounting Style	8 Insert Option	9 Filter Type	10 Filter Value	11 Plating		12 Deviation Code
E	M13	-	21	P	1	P	P	T	C	1	1	-	000

1 RoHS Compliance

E	RoHS Compliant
	Blank for Non-RoHS

2 Series

M13	Filtered Micro-D Series

3 Connector Size (Number of contacts)

09	21	31
15	25	37

* *Non-military spec. (I.A.W M83513)*

4 Connector Type

P	Plug (Pin)
S	Receptacle (Socket)
R	Receptacle with Faceseal Excluded

5 Termination Type
Other Types Available

1	Straight PCB - BS
2	Straight PCB - C6
3	Solder Cup
4	Narrow Right Angle PCB - "CBR"
5	Solid Wire Straight
6	Stranded Wire

6 Wire Lead Length

	Omit for Solder Cup
1	0.109" ± 0.015
2	0.140" ± 0.015
3	0.172" ± 0.015
4	0.250" ± 0.015
	TERMINATION TYPE 6 INCHES +1.00/-0.00
A	18.00 per M22759/ 11-26 (MIL-STD-681, System 1)
B	36.00 per M22759/ 11-26 (MIL-STD-681, System 1)
C	72.00 per M22759/ 11-26 (MIL-STD-681, System 1)

7 Mounting Style

A	.093" Mounting Hole
B	.125" Mounting Hole
L	Jackpost (Loose)
P	Jackpost (Fixed)

8 Insert Option

	Omit if not Used
T*	Threaded Insert

* *PCB Termination Only*

9 Filter Type

P	Pi Filter
C	C Filter
R	CLR Filter
L	LRC Filter
T	T Filter
0	Custom or Non-Filtered Equivalent

Values are in pF +100% / -0%

10 Filter Value

A	200	4	4,000
B	400	8	8,000
C	800	T	10,000
1	1,000	H	16,000
2	2,000	0	Custom Mix. Capacitance

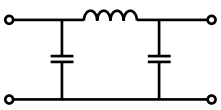
11 Plating

1	Electroless
2	Tin
3	Cadmium (Clear Chromate)
4	Gold
5	Zinc Nickel

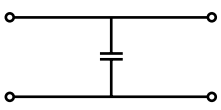
12 Deviation Code

000	Standard
XXX	Custom

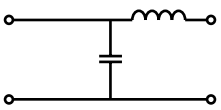
Pi Filter (P)



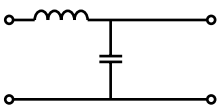
C Filter (C)



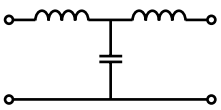
CLR Filter (R)



LRC Filter (L)



T Filter (T)



Filter Circuits			Electrical Characteristics					
Capacitance (pF) at 25° C, 1 kHz and 1.0 VRMS			150 - 300	300 - 500	600 - 1200	1200 - 3200	4000 - 8000	8000 - 16000
Insertion Loss (dB min.) Per MIL-STD-220 at 25° C and no load	C CLR LRC T	0.1 MHz	-	-	-	-	-	-
		1 MHz	-	-	-	-	-	-
		10 MHz	-	-	2	5	13	18
		100 MHz	6	12	17	24	33	40
		1000 MHz	25	31	38	43	54	60
	Pi	0.1 MHz	-	-	-	-	-	-
		1 MHz	-	-	-	-	-	3
		10 MHz	-	-	2	5	13	18
		100 MHz	7	12	18	26	45	57
		1000 MHz	30	42	53	60	60	60
Working Voltage (VDC) at 25° C & sea level			100					
Dielectric Withstanding Voltage (VDC) at 25° C and 50 mA max. charging current			300					
Insulation Resistance (Gohms) at 25° C and working voltage			5					
Contact Current Rating (continuous max. DC amperes)			3					
Filter RF Current Rating (amperes) (max. at any frequency)			0.3					

QUALITY CONFORMANCE INSPECTION

Ensuring the utmost quality and reliability, these connectors undergo rigorous qualification processes adhering to MIL-DTL-83513 standards. Our commitment to excellence is reflected in the comprehensive inspection tests conducted on **all products**:

- 100% Visual and Mechanical Inspections: Each connector undergoes thorough visual and mechanical inspections to detect defects, ensuring impeccable craftsmanship and structural integrity.
- 100% Capacitance, DWV, Insulation Resistance, and Dissipation Factor Testing: Rigorous electrical testing guarantees optimal performance and reliability. Capacitance, DWV, insulation resistance, and dissipation factor are meticulously measured to exceed industry standards and customer expectations.
- Sample Insertion Loss Testing (AQL 1.0%): Sample connectors undergo insertion loss testing to assess signal integrity. With an AQL of 1.0%, only connectors meeting stringent performance criteria are shipped, ensuring consistent quality.

For applications requiring the highest level of reliability, we offer additional inspection tests and certifications, including:

- Thermal Shock Testing
- Elevated Temperature Voltage Conditioning
- Elevated Temperature Insulation Resistance and Capacitance Testing
- Outgassing per JSC-SPR-0022
- Baseline and Single Lot Date Code Manufacturing
- Tailored Testing Solutions
  Please contact our factory for further details.

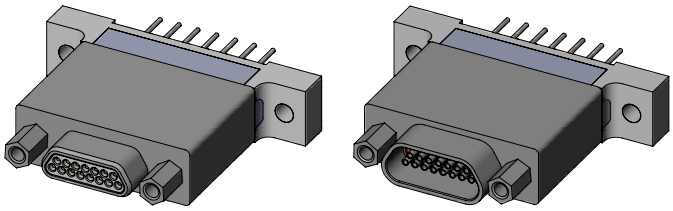
GENERAL INQUIRIES

sales@amphenolacc.com
+1 (416) 291-4401

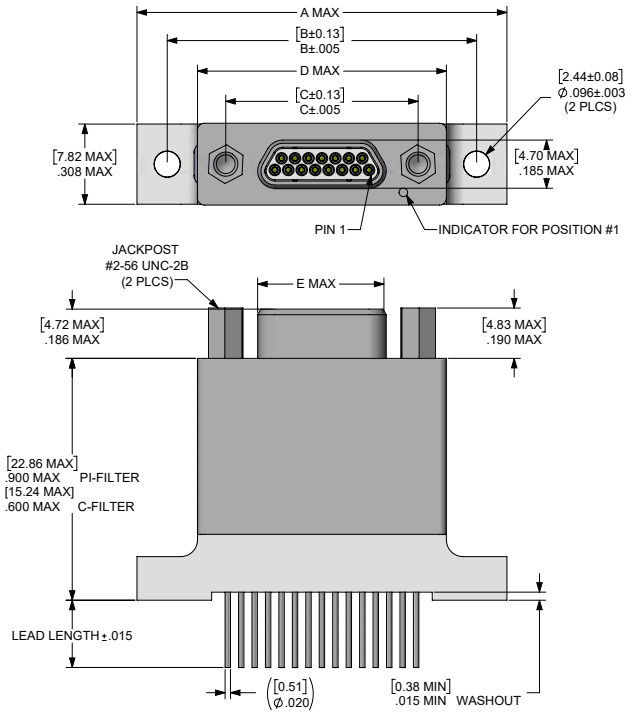
SUPPORT BY REGION:

amphenolacc.com/**Sales**

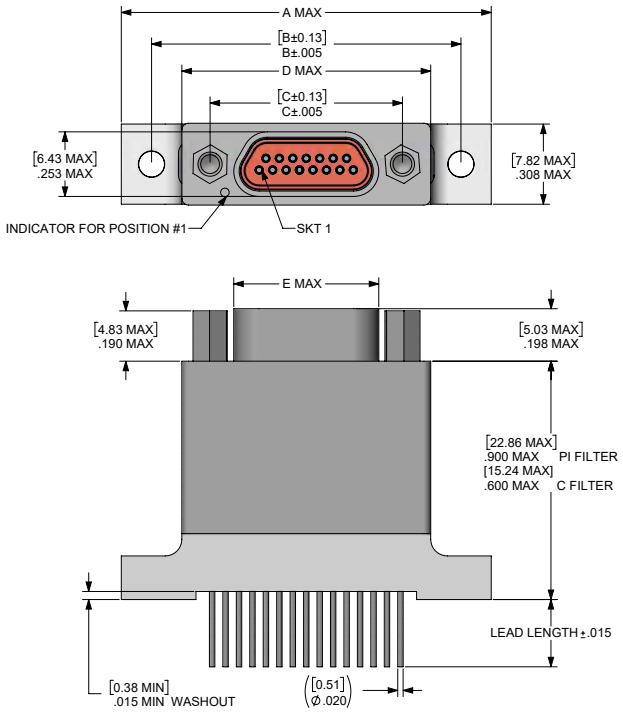
TERMINATION TYPE 1
BS - STRAIGHT
PCB CONNECTOR



PLUG



RECEPTACLE

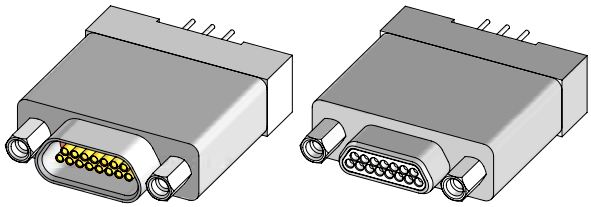


Dimensions are in inch (mm)

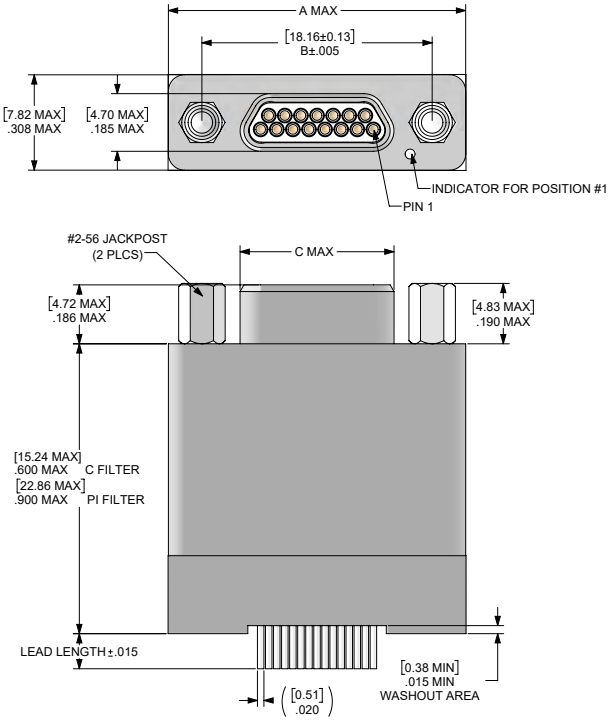
SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	C ±0.005 (0.13)	D MAX	E MAX	
					PLUG	RCPT
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.788 (20.02)	.334 (8.48)	.402 (10.21)
15			.715 (18.16)	.935 (23.75)	.484 (12.29)	.552 (14.02)
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	1.085 (27.56)	.634 (16.10)	.702 (17.83)
25	1.740 (44.20)	1.500 (38.10)	.965 (24.51)	1.185 (30.10)	.734 (18.64)	.802 (20.37)
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	1.335 (33.91)	.884 (22.45)	.952 (24.18)
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.485 (37.72)	1.034 (26.26)	1.102 (27.99)

Notes:
Refer to page 30 for grid patterns

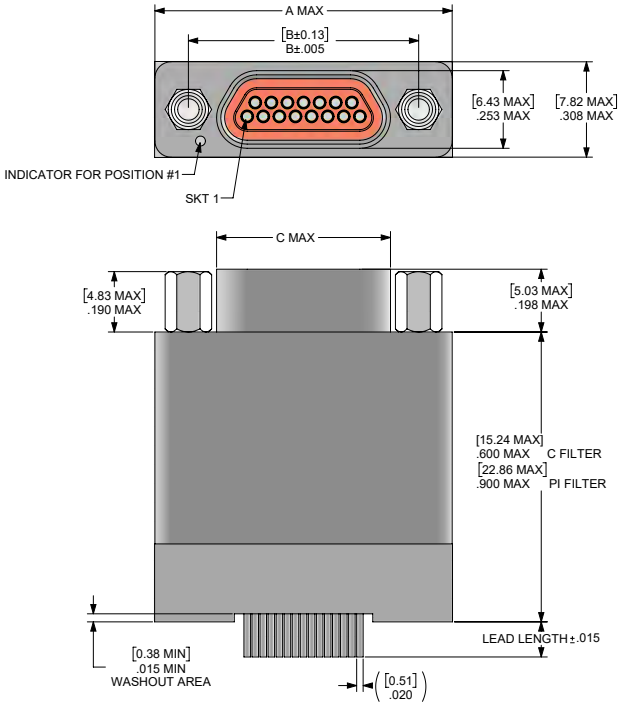
TERMINATION TYPE 2
C6 - STRAIGHT
PCB CONNECTOR



PLUG



RECEPTACLE

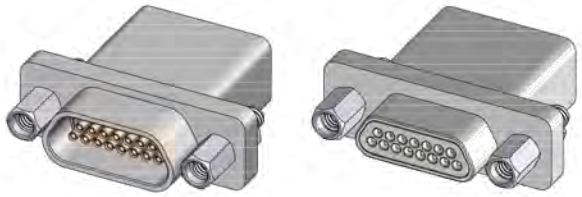


Dimensions are in inch (mm)

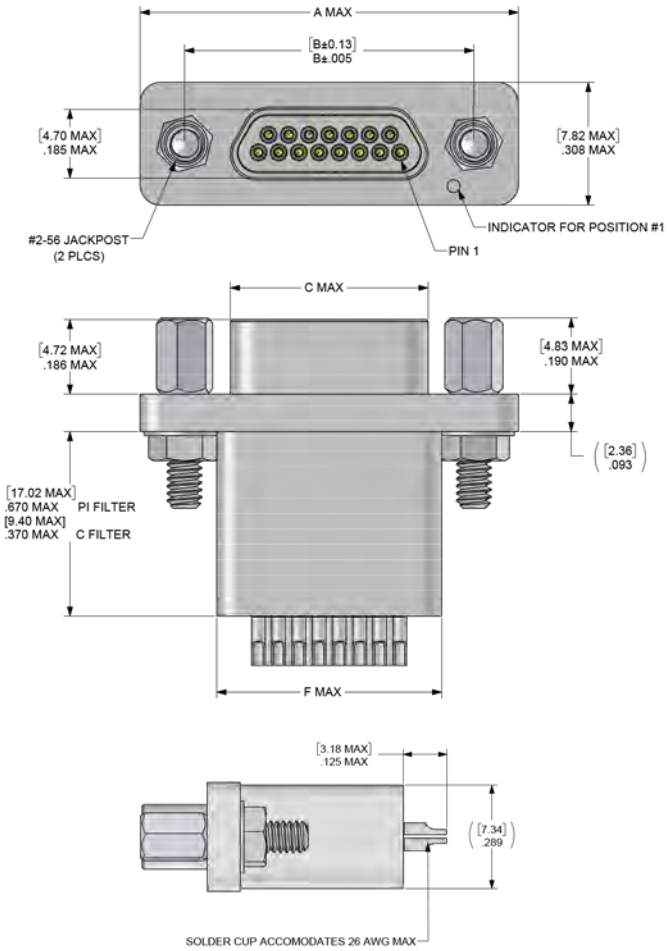
SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	C MAX	
			PLUG	RCPT
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)

Notes:
Refer to 34 for grid patterns

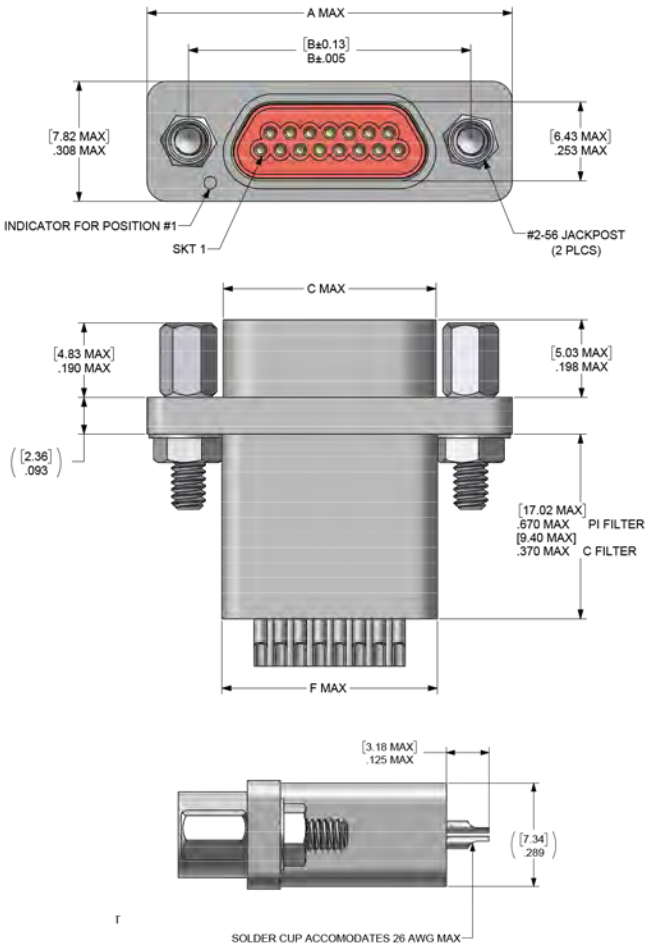
TERMINATION TYPE 3
SOLDER CUP
CONNECTOR



PLUG



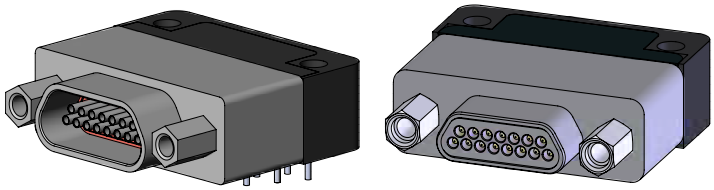
RECEPTACLE



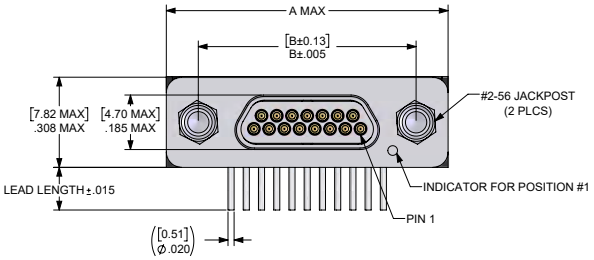
Dimensions are in inch (mm)

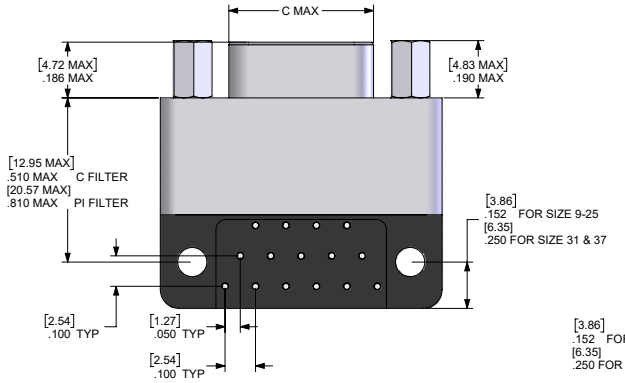
SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	E MAX		F MAX
			PLUG	RCPT	
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.400 (10.16)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (13.97)	.550 (13.97)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)	.700 (17.78)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)	.800 (20.32)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)	.950 (24.13)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)	1.100 (27.94)

TERMINATION TYPE 4
CBR - NARROW RIGHT ANGLE
PCB CONNECTOR

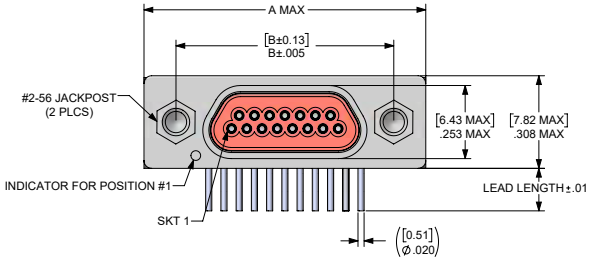


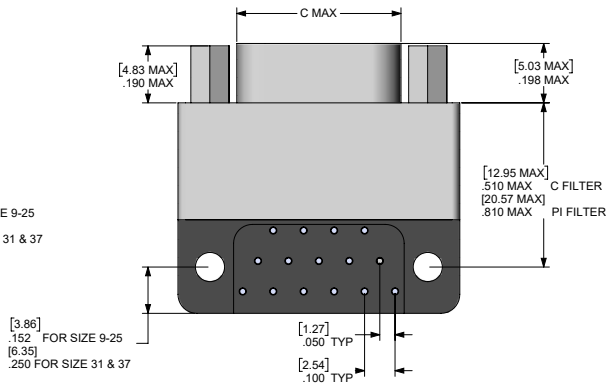
PLUG





RECEPTACLE



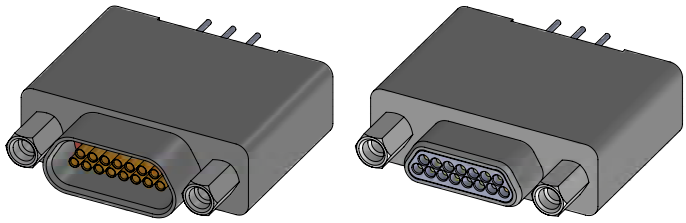


Dimensions are in inch (mm)

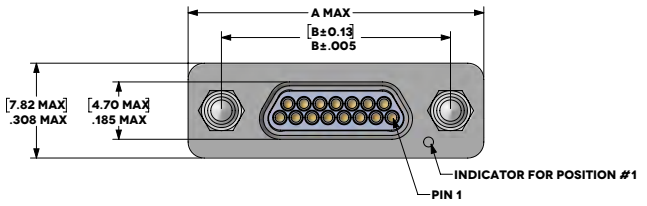
SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	C MAX	
			PLUG	RCPT
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (13.97)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)

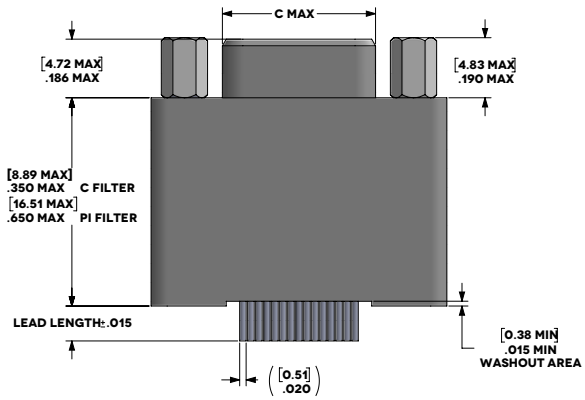
Notes
Refer to 22 for grid patterns

TERMINATION TYPE 5
SOLID WIRE STRAIGHT CONNECTOR

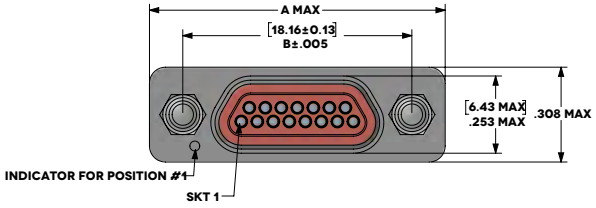


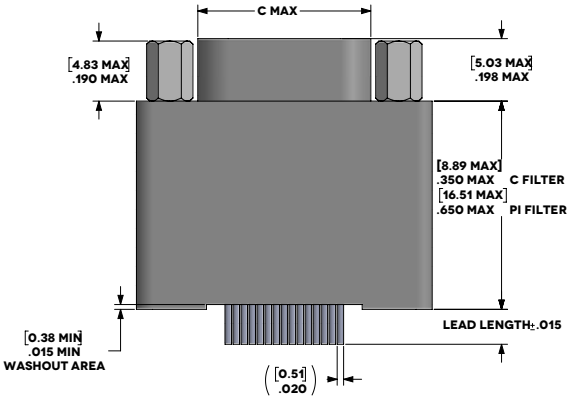
PLUG





RECEPTACLE

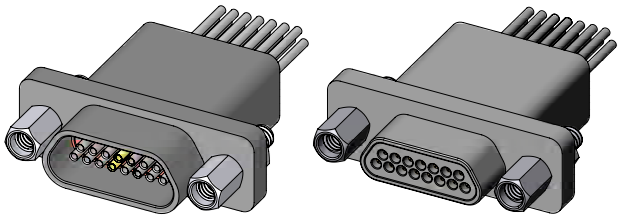




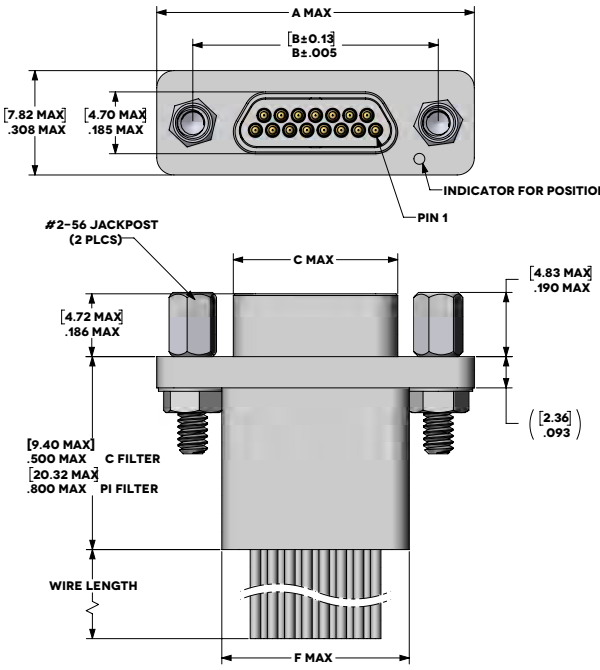
Dimensions are in inch (mm)

SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	C MAX	
			PLUG	RCPT
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (13.97)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)

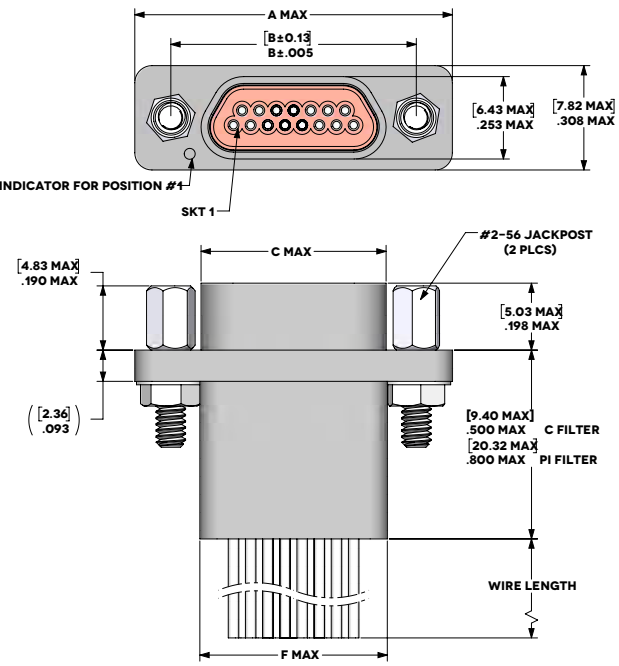
TERMINATION TYPE 6
STRANDED WIRE STRAIGHT CONNECTOR



PLUG

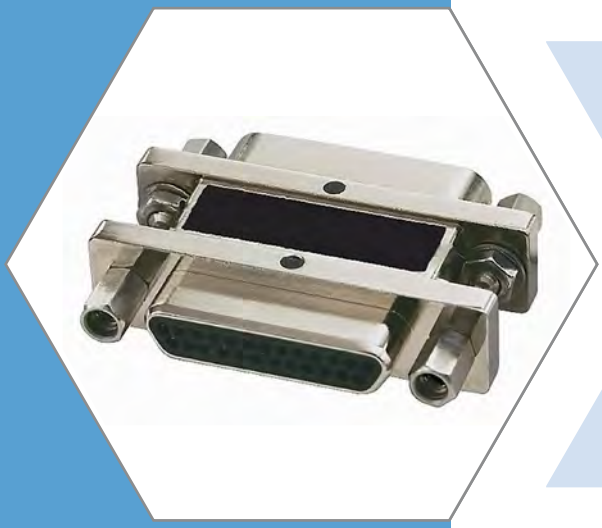


RECEPTACLE



Dimensions are in inch (mm)

SIZE	A ±0.005 (0.13)	B ±0.005 (0.13)	E MAX		F MAX
			PLUG	RCPT	
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.400 (10.16)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (13.97)	.550 (13.97)
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)	.700 (17.78)
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)	.800 (20.32)
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)	.950 (24.13)
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)	1.100 (27.94)



CONNECTOR SAVER

100, 101, 102 & 104 SERIES

Amphenol offers a full range of connector savers and adapters to protect critical Micro-D interfaces in customer applications and systems.

Both adapter style and gender changer formats are supported, with multiple hardware options.

PART NUMBER KEY

1 Series	2 Insulator Material	3 Shell Finish	4 Connector Size		5 Connector Type		6 Hardware
100	R	A	09	-	P/S	-	B

1 Series

100	Metal Shell Per M83513
101	Low Profile All Plastic Shell per M83513
102	Plastic Shell (Dimensionally identical to 100 series)
104	Passivated Stainless Steel (Dimensionally identical to 100 series)

2 Insulator Material

R	Polyphenylene Sulfide (Ryton)

3 Shell Finish

	Omit for 101, 102 & 104 series
A	Anodized (Black)
C	Cadmium (Yellow Chromate)
G	Gold

3 Shell Finish *Continued*

I	Iridite/Alodine
T	Nickel fluorocarbon polymer
N	Electroless Nickel

4 Connector Size (Number of contacts)

09	15	21
25	31	37
51	69*	100

* *Non-military spec. (I.A.W M83513)*

5 Connector Type

CONNECTOR SAVER	
P/S	Plug to receptacle
G/S	Plug (w/ EMI spring) to receptacle

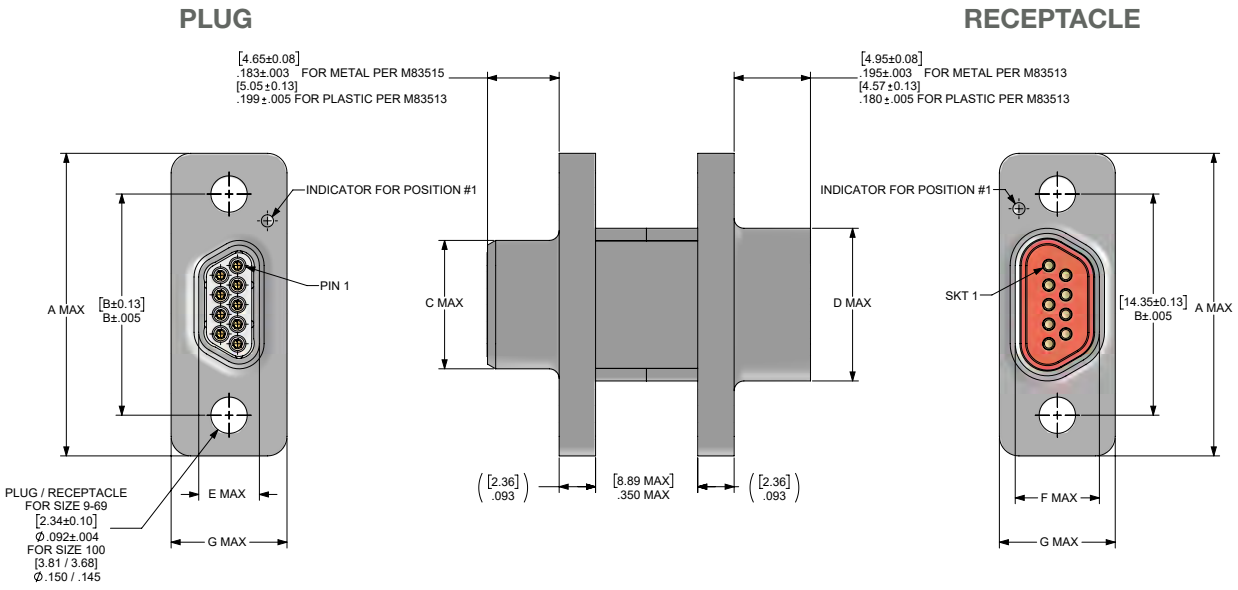
5 Connector Type *Continued*

GENDER CHANGER	
P/P	Plug to plug (for receptacles)
G/G	Plug to plug w/ EMI springs (for receptacle)
S/S	Receptacle to receptacle (for plugs)

6 Hardware – Pre-installed by factory

B	Standard Mounting Holes
P	Jackpost (both ends)
C	Captive jackpost (for connector savers P/S, P/P & S/S)
C1	Pre-installed post on receptacle end and screw on plug end
C2	Pre-installed post on plug end and screw on receptacle end

DIMENSIONS



100, 102 & 104 SERIES

Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C MAX	D MAX	E MAX	F MAX	G MAX
09	.785 (19.94)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.185 (4.70)	.253 (6.43)	.308 (7.82)
15	.935 (23.75)	.715 (18.16)	.484 (12.29)	.552 (14.02)			
21	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.702 (17.83)			
25	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.802 (20.37)			
31	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.952 (24.18)			
37	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)			
51	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.228 (5.79)	.296 (7.52)	.351 (8.92)
69	1.735 (44.07)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)			
100	2.160 (54.86)	1.800 (45.72)	1.384 (35.15)	1.508 (38.30)	.271 (6.88)	.394 (10.01)	.394 (10.01)

101 SERIES

Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C MAX	D MAX	E MAX	F MAX	G MAX
09	.788 (20.02)	.565 (14.35)	.292 (7.42)	.380 (9.65)	.134 (3.40)	.218 (5.54)	.218 (5.54)
15	.938 (23.82)	.715 (18.16)	.442 (11.23)	.530 (13.46)			
21	1.088 (27.64)	.865 (21.97)	.592 (15.04)	.680 (17.27)			
25	1.188 (30.18)	.965 (24.51)	.692 (17.58)	.780 (19.81)			
31	1.338 (33.99)	1.115 (28.32)	.842 (21.39)	.930 (23.62)			
37	1.488 (37.80)	1.265 (32.13)	.992 (25.10)	1.080 (27.43)			
51	1.438 (36.53)	1.215 (30.86)	.942 (23.93)	1.030 (26.16)	.177 (4.50)	.260 (6.60)	.260 (6.60)



EMI BACKSHELLS

MBS SERIES

SPECIFICATIONS

Material	Aluminum alloy
Magnetic Permeability MIL-I-17214	< 2μ
Shielding Efficiency	60 dB to >100 dB up to 1 GHz
Vibration MIL-STD-1344 Method 2004, Condition C	No damage or discontinuity between shell and shield

PART NUMBER KEY

1 Series		2 Connector Size		3 Shell Finish		4 Exit Shape		5 Cable Exit Size		6 Exit Angle		7 Hardware		8 Split Option
MBS	-	09		N	-	C		A		00		00	-	2

1 Series

MBS	Micro-D EMI Backshells

2 Connector Size (Number of contacts)

09	15	21
25	31	37
51	69	100

3 Shell Finish

A	Anodized (Black)
C	Cadmium (Yellow Chromate)
G	Gold
K	Zinc Nickel - 48 Hrs
T	Nickel fluorocarbon polymer

3 Shell Finish *Continued*

N	Electroless Nickel
Z	Customer Specified Plating

4 Exit Shape

C	Circular Cable Exit
E	Elliptical Cable Exit

5 Cable Exit Size

A	D	G
B	E	H
C	F	J

6 Exit Angle

00	Straight Exit
90	Right Angle Exit
45	45° Exit

7 Hardware

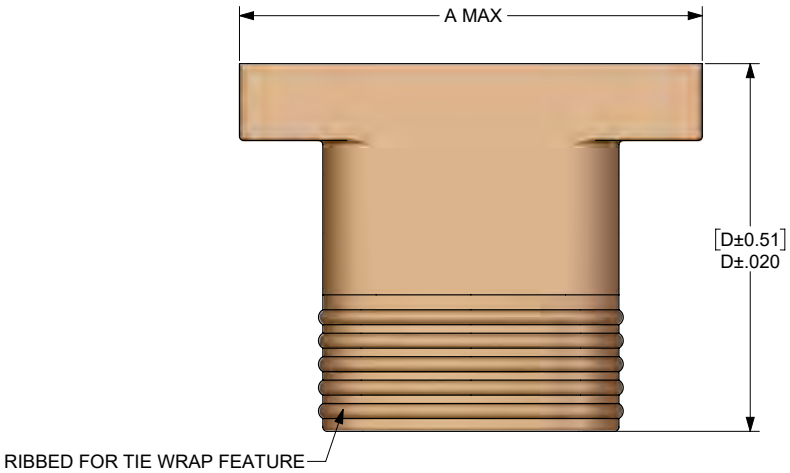
M2	Low Profile Allen (Hex) Head Jackscrew
M5	Low Profile Slot Head Jackscrew
M6	High Profile Slot Head Jackscrew
P	Jackpost

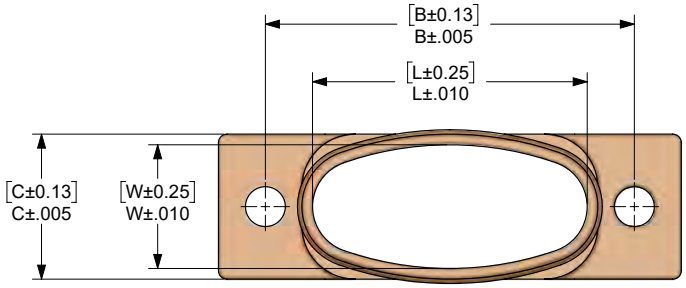
8 Split Option

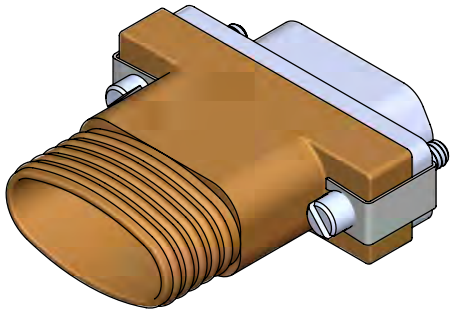
	Omit for One Piece construction
2	Split - 2 Pieces construction

ELLIPTICAL CABLE EXIT
DIMENSIONS

STRAIGHT
CABLE EXIT







Connector Shown for Reference Only
(Order Separately)

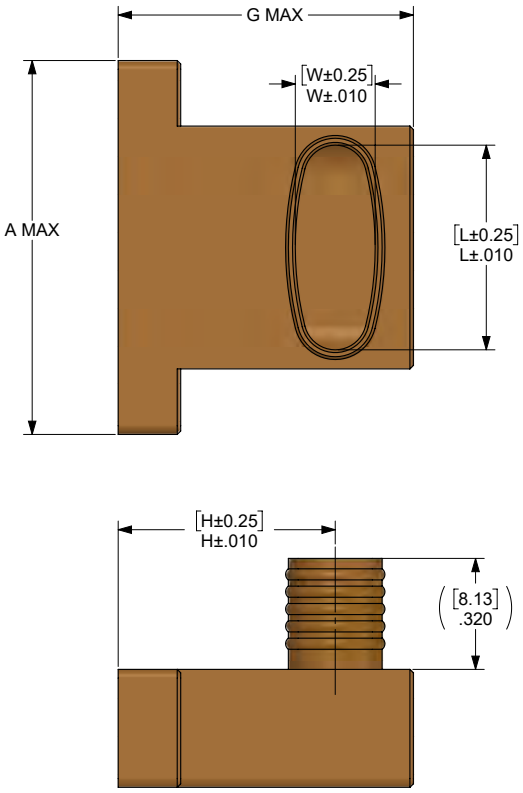
Dimensions are in inch (mm)

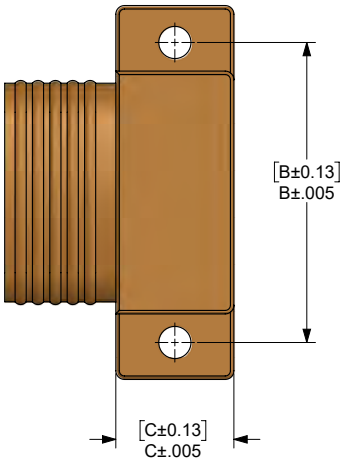
CABLE EXIT SIZE	W ±0.010 (0.25)	L ±0.010 (0.25)	AVAILABLE ON SIZES
A	.284 (7.21)	.344 (8.74)	09 THRU 100
B		.494 (12.55)	15 THRU 100
C		.644 (16.36)	21 THRU 100
D		.744 (18.90)	25 THRU 100
E		.894 (22.71)	31 THRU 100
F		.994 (25.25)	37 THRU 100
G		1.040 (26.42)	37, 69 & 100
J	.320 (8.13)	1.250 (31.75)	69 THRU 100
H	.384 (9.75)	1.520 (38.61)	100 ONLY

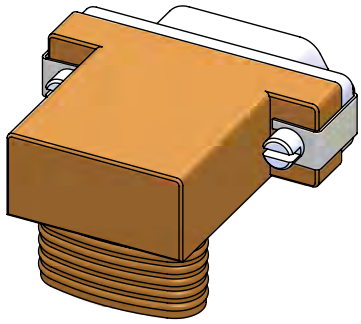
Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	D ±0.020 (0.51)
09	.785 (19.94)	.565 (14.35)	.340 (8.64)	.762 (19.35)
15	.935 (23.75)	.715 (18.16)		.812 (20.62)
21	1.085 (27.56)	.865 (21.97)		.862 (21.89)
25	1.185 (30.10)	.965 (24.51)		.912 (23.16)
31	1.335 (33.91)	1.115 (28.32)		.952 (24.18)
37	1.485 (37.72)	1.265 (32.13)		.992 (25.20)
51	1.435 (36.45)	1.215 (30.86)	.400 (10.16)	1.072 (27.32)
69	1.735 (44.07)	1.515 (38.48)		1.102 (27.99)
100	2.175 (55.25)	1.800 (45.72)	.450 (11.43)	1.137 (28.88)

RIGHT ANGLE
CABLE EXIT







Connector Shown for Reference Only (Order Separately)

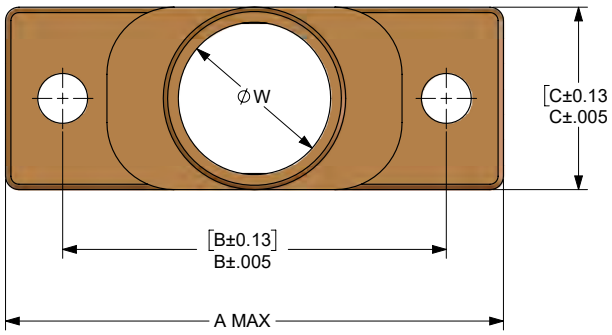
Dimensions are in inch (mm)

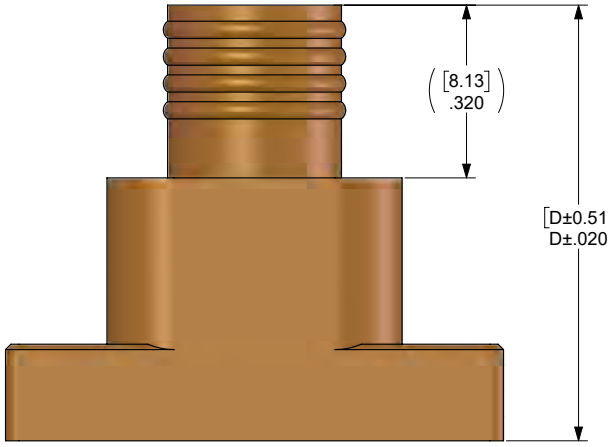
CABLE EXIT SIZE	W ±0.010 (0.25)	L ±0.010 (0.25)	AVAILABLE ON SIZES
A	.220 (5.59)	.265 (6.73)	09 THRU 100
B		.415 (10.54)	15 THRU 100
C		.565 (14.35)	21 THRU 100
D		.665 (16.89)	25 THRU 100
E		.815 (20.70)	31 THRU 100
F		.865 (21.97)	37 THRU 100
G		.915 (23.24)	51 THRU 100
J	.280 (7.11)	1.215 (30.86)	69 & 100
H	.330 (8.38)	1.295 (32.89)	100 ONLY

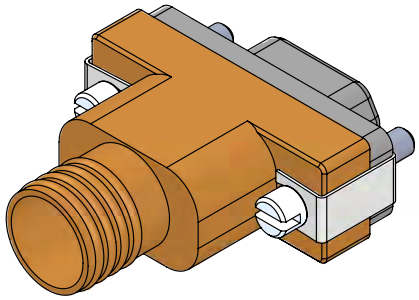
Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	G MAX	H ±0.010 (0.25)
09	.785 (19.94)	.565 (14.35)	.340 (8.64)	.865 (21.97)	.625 (15.88)
15	.935 (23.75)	.715 (18.16)			
21	1.085 (27.56)	.865 (21.97)			
25	1.185 (30.10)	.965 (24.51)			
31	1.335 (33.91)	1.115 (28.32)			
37	1.485 (37.72)	1.265 (32.13)			
51	1.435 (36.45)	1.215 (30.86)	.400 (10.16)		
69	1.735 (44.07)	1.515 (34.48)		.925 (23.50)	.645 (16.38)
100	2.175 (55.25)	1.800 (45.72)	.450 (11.43)	.960 (24.39)	.657 (16.69)

STRAIGHT
CABLE EXIT







Connector Shown for Reference Only
(Order Separately)

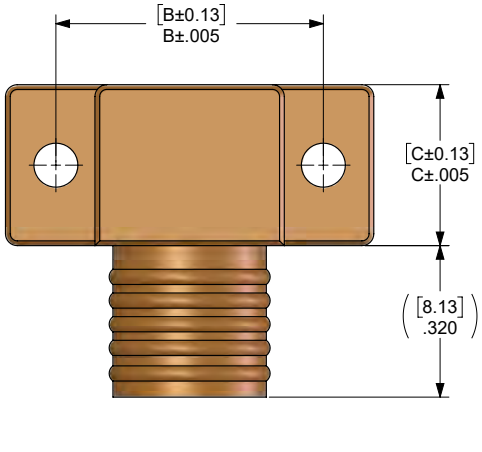
Dimensions are in inch (mm)

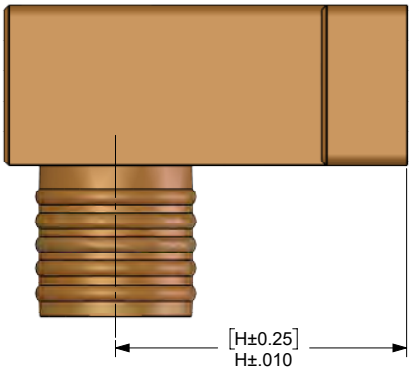
CABLE EXIT SIZE	W ±0.010 (0.25)	AVAILABLE ON SHELL SIZES
A	.284 (7.21)	09 - 100 (25 wires max.)
B	.344 (8.74)	51 - 100 (37 wires max.)
C	.384 (9.75)	100 ONLY (45 wires max.)

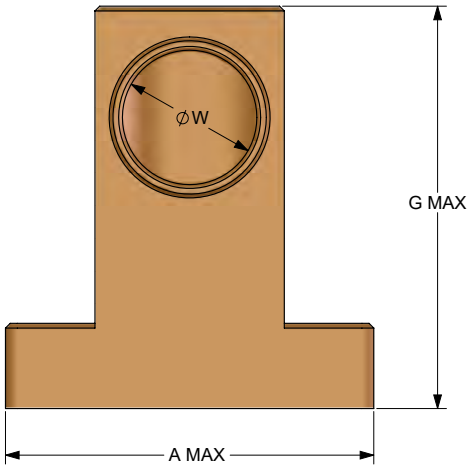
Dimensions are in inch (mm)

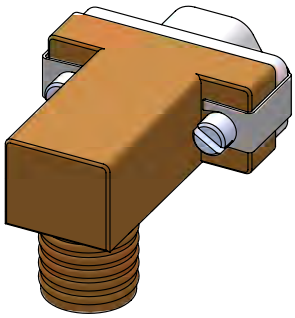
SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	D ±0.020 (0.51)
09	.785 (19.94)	.565 (14.35)	.340 (8.64)	.762 (19.35)
15	.935 (23.75)	.715 (18.16)		.812 (20.62)
21	1.085 (27.56)	.865 (21.97)		.862 (21.89)
25	1.185 (30.10)	.965 (24.51)		.912 (23.16)
31	1.335 (33.91)	1.115 (28.32)		.952 (24.18)
37	1.485 (37.72)	1.265 (32.13)		.992 (25.20)
51	1.435 (36.45)	1.215 (30.86)	.400 (10.16)	1.072 (27.32)
69	1.735 (44.07)	1.515 (38.48)		1.102 (27.99)
100	2.175 (55.25)	1.800 (45.72)	.450 (11.43)	1.137 (28.88)

RIGHT ANGLE
CABLE EXIT









Connector Shown for Reference Only (Order Separately)

Dimensions are in inch (mm)

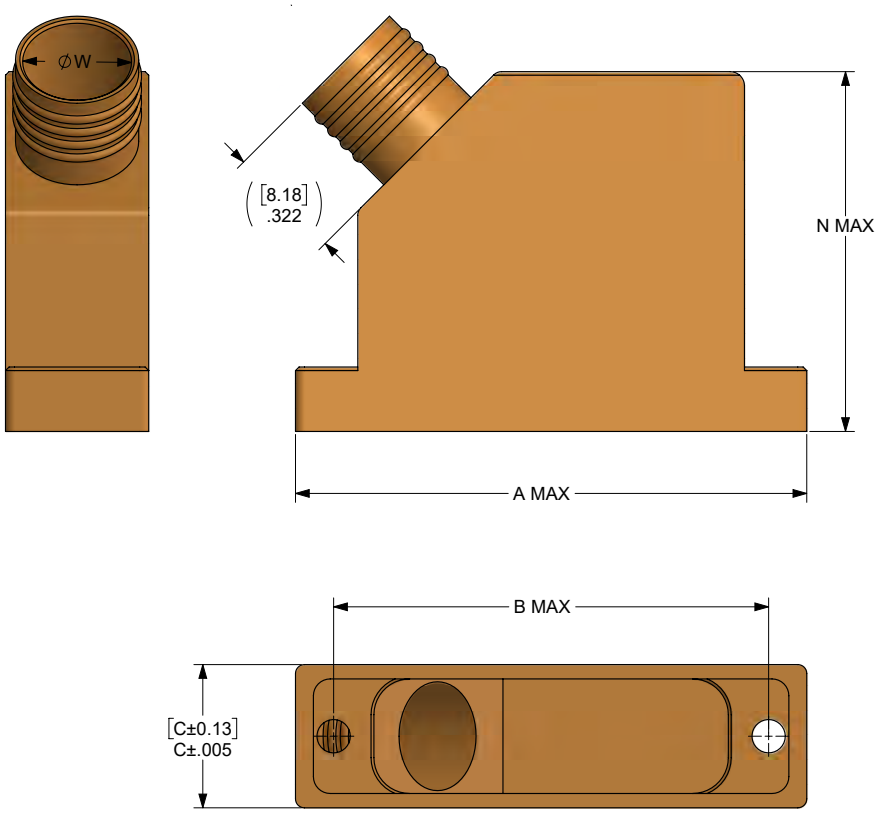
CABLE EXIT SIZE	W ±0.010 (0.25)	AVAILABLE ON SIZES
A	.284 (7.21)	09 THRU 100
B	.344 (8.74)	51 THRU 100
C	.384 (9.75)	100 ONLY

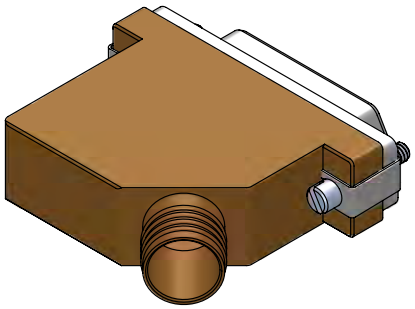
Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	G MAX	H ±0.010 (0.25)
09	.785 (19.94)	.565 (14.35)	.340 (8.64)	.865 (21.97)	.625 (15.88)
15	.935 (23.75)	.715 (18.16)			
21	1.085 (27.56)	.865 (21.97)			
25	1.185 (30.10)	.965 (24.51)			
31	1.335 (33.91)	1.115 (28.32)			
37	1.485 (37.72)	1.265 (32.13)			
51	1.435 (36.45)	1.215 (30.86)	.400 (10.16)		
69	1.735 (44.07)	1.515 (34.48)		.925 (23.50)	.645 (16.38)
100	2.175 (55.25)	1.800 (45.72)	.450 (11.43)	.960 (24.39)	.657 (16.69)

CIRCULAR CABLE EXIT
DIMENSIONS

45° ANGLE
CABLE EXIT





Connector Shown for Reference Only (Order Separately)

Dimensions are in inch (mm)

CABLE EXIT SIZE	W ±0.010 (0.25)	AVAILABLE ON SIZES
A	.284 (7.21)	09 THRU 100
B	.344 (8.74)	51 THRU 100
C	.384 (9.75)	100 ONLY

Dimensions are in inch (mm)

SIZE	A MAX	B ±0.005 (0.13)	C ±0.005 (0.13)	N MAX
09	.785 (19.94)	.565 (14.35)	.340 (8.64)	.865 (21.97)
15	.935 (23.75)	.715 (18.16)		
21	1.085 (27.56)	.865 (21.97)		
25	1.185 (30.10)	.965 (24.51)		
31	1.335 (33.91)	1.115 (28.32)		
37	1.485 (37.72)	1.265 (32.13)		
51	1.435 (36.45)	1.215 (30.86)	.400 (10.16)	
69	1.735 (44.07)	1.515 (38.48)		.925 (23.50)
100	2.175 (55.25)	1.800 (45.72)	.450 (11.43)	.960 (24.39)



STANDARD HARDWARE

JACKSCREW | JACKPOST | FLOAT MOUNT

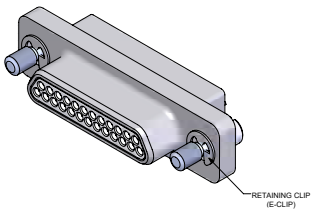
Made from stainless steel, these hardware options feature extended lengths and rear panel mounting capabilities to meet diverse application requirements.

This section details the dimensions of Amphenol ACC's Standard Jackscrew, Jackpost, and Float Mount hardware.

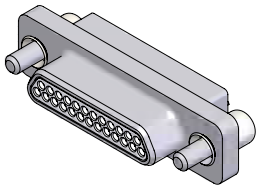
Explore the specifications to find the right fit for your needs.

JACKSCREW

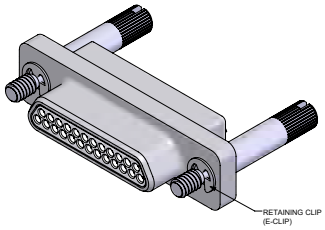
LOW PROFILE



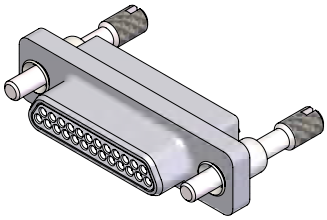
LOW PROFILE CAPTIVE



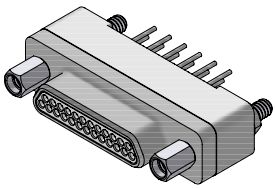
HIGH PROFILE

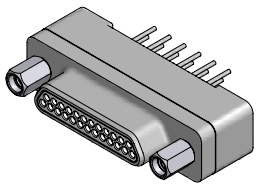


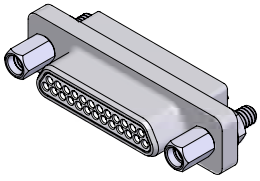
HIGH PROFILE CAPTIVE



JACKPOST

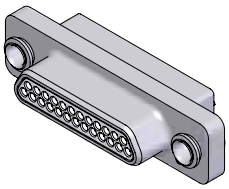




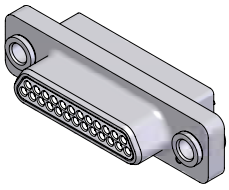


FLOAT MOUNT

FORWARD



REVERSE

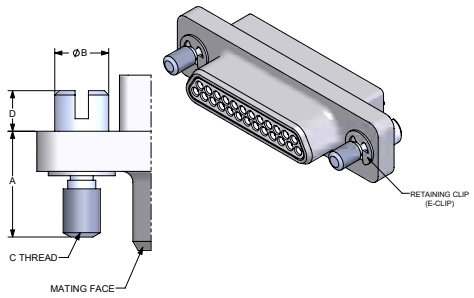


JACKSCREW ASSEMBLY

Dimensions are in inch (mm)

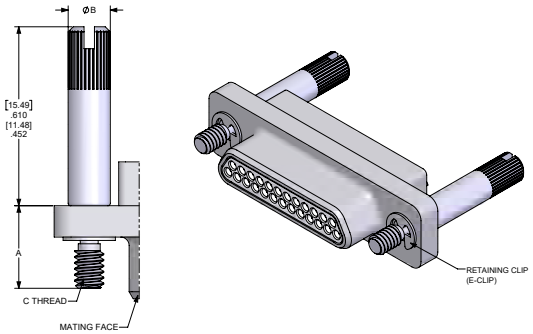
LOW PROFILE

SHELL SIZE	PART NUMBER			DIMENSIONS			
	AMPHENOL	CODE	MIL-SPEC	A	B	C (THREAD)	D
9 - 69	HM05-05	M5	M83513/05-05 (Slot)	.258 / .235 (6.55 / 5.97)	.125 (3.18)	#2-56 UNC-2A	.103/.070 (2.62/1.78)
	HM05-02	M2	M83513/05-02 (Allen)				
100	HM05-15	M5	M83513/05-15 (Slot)	.287±.005 (7.29±0.13)	.187 (4.75)	#4-40 UNC-2A	.098 (2.49)
	HM05-12	M2	M83513/05-12 (Allen)				



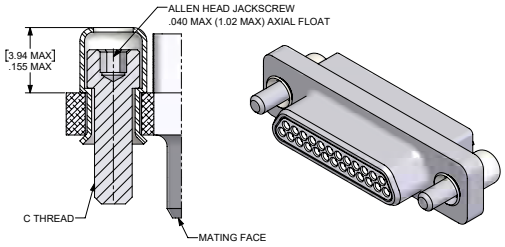
HIGH PROFILE

SHELL SIZE	PART NUMBER			DIMENSIONS		
	AMPHENOL	CODE	MIL-SPEC	A	B	C (THREAD)
9 - 69	HM05-06	M6	M83513/05-06 (Slot)	.258 / .235 (6.55 / 5.97)	.125 (3.18)	#2-56 UNC-2A
	HM05-03	M3	M83513/05-03 (Allen)			
100	HM05-16	M6	M83513/05-16 (Slot)	.287±.005 (7.29±0.13)	.187 (4.75)	#4-40 UNC-2A
	HM05-13	M3	M83513/05-13 (Allen)			



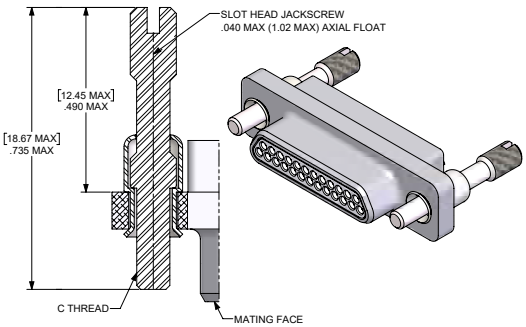
LOW PROFILE CAPTIVE

SHELL SIZE	P/N CODE	C (THREAD)
9 - 69	L	#2-56 UNC-2A
100		#4-40 UNC-2A

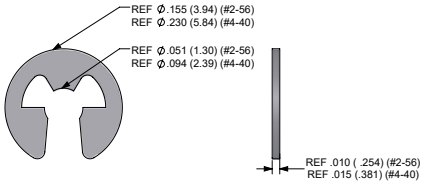


HIGH PROFILE CAPTIVE

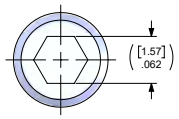
SHELL SIZE	P/N CODE	C (THREAD)
9 - 69	K	#2-56 UNC-2A
100		#4-40 UNC-2A



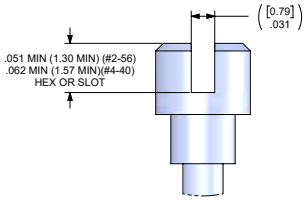
RETAINING CLIP DETAIL



ALLEN HEAD DETAIL



SLOT HEAD DETAIL



Notes (unless otherwise specified):
[1] Custom Hardware pre-installed by the factory
[2] Captive Hardware provided secure mounting
For special design hardware, consult Amphenol

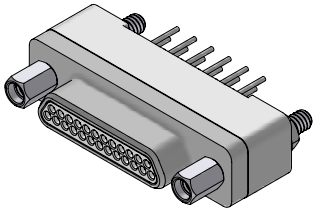
SUPPORT BY REGION CONSULT:

amphenolacc.com/**Sales**

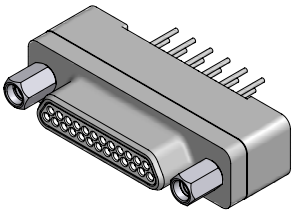
JACKPOST ASSEMBLY

Dimensions are in inch (mm)

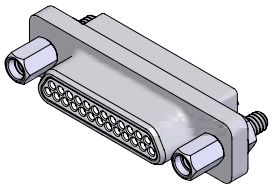
C6
without thread insert

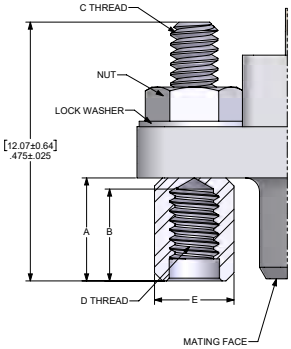


BS, BR, CBR & C6
with thread insert

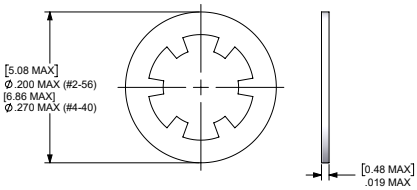


SOLDER CUP & C16
(wires)

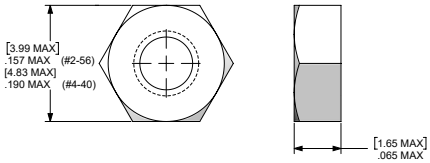




LOCK WASHER DETAIL



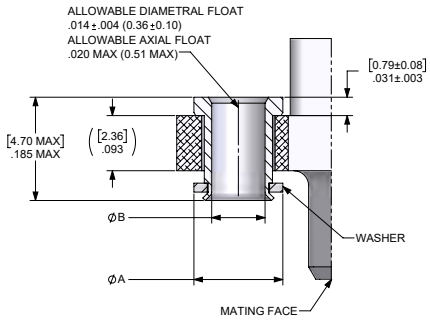
NUT DETAIL



SHELL SIZE	PART NUMBER			DIMENSIONS				
	AMPHENOL	CODE	MIL-SPEC	A	B	C (THREAD)	D (THREAD)	E (HEX)
9 - 69	HM05-07	P	M83513/05-07	.190 / .185 (4.83 / 4.70)	.155 (3.94)	#2-56 UNC-2A	#2-56 UNC-2B	.125 (3.18)
100	HM05-17		M83513/05-17	.185 / .180 (4.70 / 4.58)	.170 (4.32)	#4-40 UNC-2A	#4-40 UNC-2B	.187 (4.75)

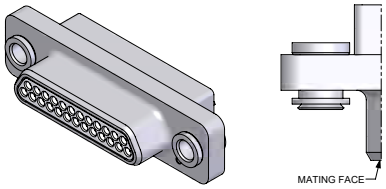
FLOAT MOUNT

Dimensions are in inch (mm)

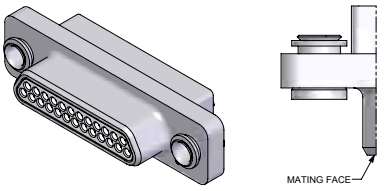


SHELL SIZE	P/N CODE	A	B
9 - 69	F - Forward R - Reverse	.150 ± .003 (3.81 ± .076)	.090 ± .0015 (2.99 ± .0038)
100		.174 ± .005 (4.40 ± .013)	.116 ± .002 (2.95 ± .051)

FORWARD FLOAT



REVERSE FLOAT
Dimensionally identical to Forward Float

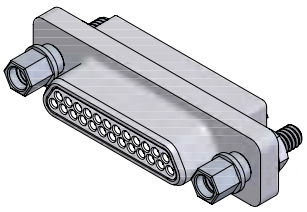


REAR PANEL MOUNT JACKPOST ASSEMBLY

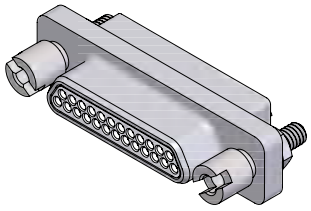
Dimensions are in inch (mm)

C16, H16, WIRES & SOLDER CUP

HEX HEAD-LONG

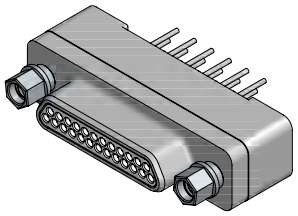


SLOT HEAD-LONG

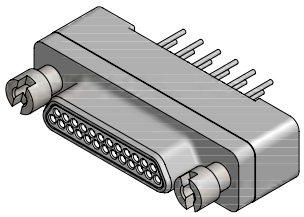


BS, BR, CBR, HBR, C6 & H6

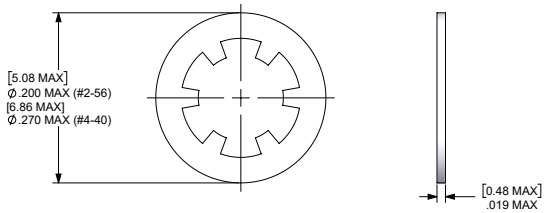
HEX HEAD-SHORT



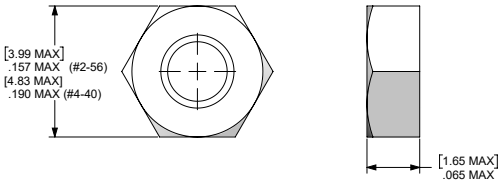
SLOT HEAD-SHORT

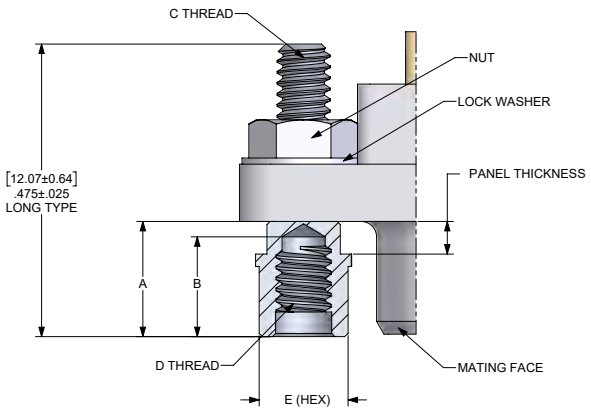


LOCK WASHER DETAIL



NUT DETAIL





SHELL SIZE	PART NUMBER			DIMENSIONS				
	AMPHENOL	CODE	MIL-SPEC	A	B	C (THREAD)	D (THREAD)	E (HEX)
9 - 69	HM05-XX *(See page 161)*	» PA / SA — .027" / .037" (0.69 / .094) » PB / SB — .042" / .052" (1.07 / 1.32) » PC / SC — .057" / .066" (1.45 / 1.68) » PG / SG — .067" / .077" (1.70 / 1.96) » PE / SE — .078" / .085" (1.98 / 2.16) » PD / SD — .088" / .098" (2.24 / 2.49) » PF / SF — .120" / .130" (3.05 / 3.30)	N/A	.185 / .190 (4.70 / 4.83)	.155 (3.94)	#2-56 UNC-2A	#2-56 UNC-2B	.125 (3.18)
100				.180 / .185 (4.58 / 4.70)	.170 (4.32)	#4-40 UNC-2A	#4-40 UNC-2B	.187 (4.75)

SHELL SIZE
9 - 69

CAT. #	HEAD TYPE	THREAD	PANEL DESCRIPTION	LENGTH
HM05-20	Slot	2-56	SA - .027"-.037"	Long
HM05-21	Slot	2-56	SB - .042"-.052"	Long
HM05-22	Slot	2-56	SC - .057"-.066"	Long
HM05-23	Slot	2-56	SD - .088"-.098"	Long
HM05-24	Slot	2-56	SE - .078"-.085"	Long
HM05-25	Slot	2-56	SF - .120"-.130"	Long
HM05-26	Slot	2-56	SG - .067"-.077"	Long
HM05-30	Hex	2-56	PA - .027"-.037"	Long
HM05-31	Hex	2-56	PB - .042"-.052"	Long
HM05-32	Hex	2-56	PC - .057"-.066"	Long
HM05-33	Hex	2-56	PD - .088"-.098"	Long
HM05-34	Hex	2-56	PE - .078"-.085"	Long
HM05-35	Hex	2-56	PF - .120"-.130"	Long
HM05-36	Hex	2-56	PG - .067"-.077"	Long
HM05-40	Slot	2-56	SA - .027"-.037"	Short
HM05-41	Slot	2-56	SB - .042"-.052"	Short
HM05-42	Slot	2-56	SC - .057"-.066"	Short
HM05-43	Slot	2-56	SD - .088"-.098"	Short
HM05-44	Slot	2-56	SE - .078"-.085"	Short
HM05-45	Slot	2-56	SF - .120"-.130"	Short
HM05-46	Slot	2-56	SG - .067"-.077"	Short
HM05-50	Hex	2-56	PA - .027"-.037"	Short
HM05-51	Hex	2-56	PB - .042"-.052"	Short
HM05-52	Hex	2-56	PC - .057"-.066"	Short
HM05-53	Hex	2-56	PD - .088"-.098"	Short
HM05-54	Hex	2-56	PE - .078"-.085"	Short
HM05-55	Hex	2-56	PF - .120"-.130"	Short
HM05-56	Hex	2-56	PG - .067"-.077"	Short

100

CAT. #	HEAD TYPE	THREAD	PANEL DESCRIPTION	LENGTH
HM05-60	Slot	4-40	SA - .027"-.037"	Long
HM05-61	Slot	4-40	SB - .042"-.052"	Long
HM05-62	Slot	4-40	SC - .057"-.066"	Long
HM05-63	Slot	4-40	SD - .088"-.098"	Long
HM05-64	Slot	4-40	SE - .078"-.085"	Long
HM05-65	Slot	4-40	SF - .120"-.130"	Long
HM05-66	Slot	4-40	SG - .067"-.077"	Long
HM05-70	Hex	4-40	PA - .027"-.037"	Long
HM05-71	Hex	4-40	PB - .042"-.052"	Long
HM05-72	Hex	4-40	PC - .057"-.066"	Long
HM05-73	Hex	4-40	PD - .088"-.098"	Long
HM05-74	Hex	4-40	PE - .078"-.085"	Long
HM05-75	Hex	4-40	PF - .120"-.130"	Long
HM05-76	Hex	4-40	PG - .067"-.077"	Long
HM05-80	Slot	4-40	SA - .027"-.037"	Short
HM05-81	Slot	4-40	SB - .042"-.052"	Short
HM05-82	Slot	4-40	SC - .057"-.066"	Short
HM05-83	Slot	4-40	SD - .088"-.098"	Short
HM05-84	Slot	4-40	SE - .078"-.085"	Short
HM05-85	Slot	4-40	SF - .120"-.130"	Short
HM05-86	Slot	4-40	SG - .067"-.077"	Short
HM05-90	Hex	4-40	PA - .027"-.037"	Short
HM05-91	Hex	4-40	PB - .042"-.052"	Short
HM05-92	Hex	4-40	PC - .057"-.066"	Short
HM05-93	Hex	4-40	PD - .088"-.098"	Short
HM05-94	Hex	4-40	PE - .078"-.085"	Short
HM05-95	Hex	4-40	PF - .120"-.130"	Short
HM05-96	Hex	4-40	PG - .067"-.077"	Short

FOR MORE INFORMATION

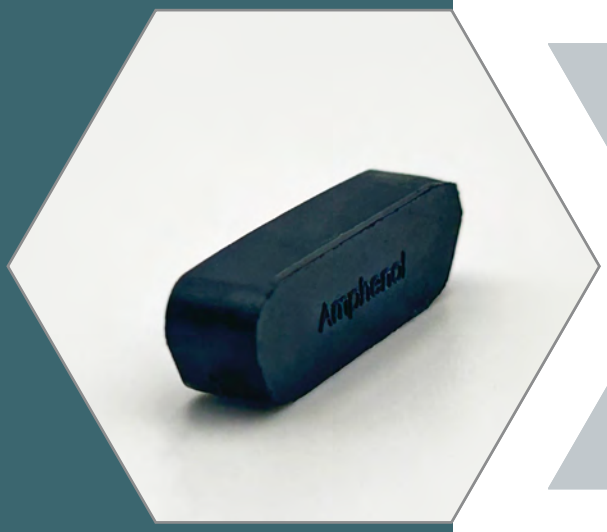
GENERAL INQUIRIES

sales@amphenolacc.com
+1 (416) 291-4401

SUPPORT BY REGION:

amphenolacc.com/**Sales**

Amphenol ACC
Advanced Compact Connectors



DUST CAPS

MDCE SERIES

Introducing Amphenol ACC's Micro-D Dust Caps, designed to protect Micro-D connectors during storage and handling. Made from thermoplastic LDPE, they meet MIL-PRF-81705D's anti-static standards and boast a UL 94-V0 rating for self-extinguishing properties.

SPECIFICATIONS

Material	Metal	Aluminum alloy Stainless Steel
	Plastic	Polyphenylene Sulfide (Ryton)
Color		Black Pink

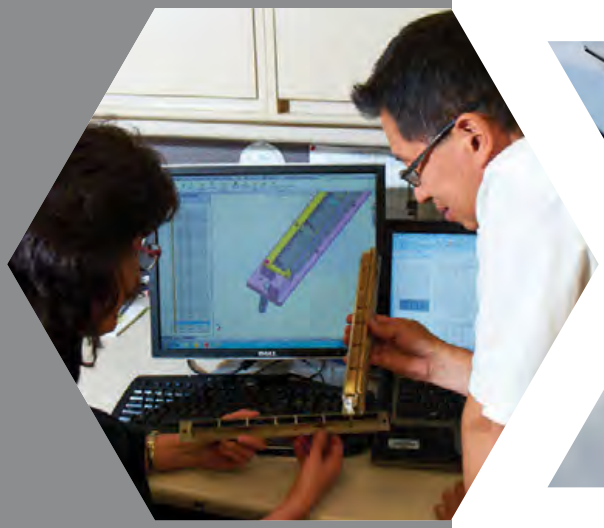
PART NUMBER KEY

Series	Connector Size	Connector Type
1	2	3
MDCE	– 06	– P

Series	1
MDCE	Micro-D Dust Cap

Connector Size (Number of contacts)			2
09	15	21	
25	31	37	
51	69	100	

Connector Type	3
P	Plug (Pin)
S	Receptacle (Socket)







DESIGN CAPABILITIES

CUSTOM CONFIGURATIONS & ASSEMBLIES





CABLE-HARNESSED ASSEMBLIES

- Specialize in cabling arrangements
- Various cable styles
  - » Over Molded
  - » Back Shell
  - » Shielded
  - » Twisted Pairs
  - » PCB
- Multiple Micro-D to Micro-D
- Micro-D to D-Sub
- Micro-D to D38999
- Micro-D to Flex
- Space grade assemblies
- Micro-D to PCB Termination
- Micro-D to header or other product termination
- Single or multiple cable/ wire terminations *(Micro-D to Micro-D, twisted pairs available)*
- Single or multiple cable/ wire terminations (Micro-D to D-sub, Shielded Teflon Cable)





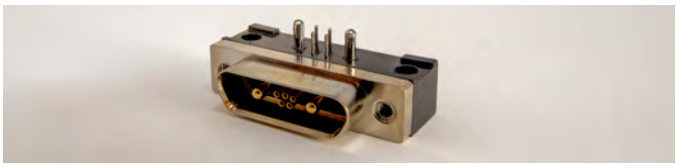
MICRO-D CONNECTORS

- Contact arrangements up to 372 positions
- Contact styles
  - » Fiber Optic
  - » Power
  - » Signal
  - » RF
- Mounting styles
  - » SMT
  - » Through Hole
  - » Press Fit
  - » Solder Cup
  - » Blind Mate
- Custom contact lengths for multiple PCB thickness
- Custom connector shell designs available
- Standard and custom hardware available
- Custom surface mount with guide pins and threaded mounting features
- Custom insert pattern (signal & power or coax contacts)
- Custom strip line connector with mounting features
- Double or multiple bay (vertical / horizontal orientation)



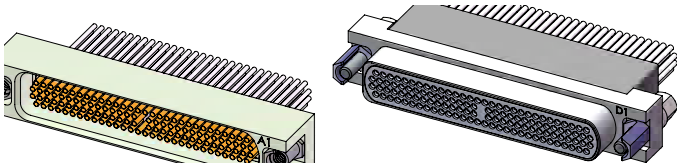
SPECIALTY CONNECTORS

Amphenol offers a diverse range of specialty connectors designed to meet your specific needs. Engineered for compactness, durability, and versatility, our connectors come with various contact types, shell materials, and mounting styles. Whether you need space-saving solutions for compact designs or high-density applications, our connectors deliver reliable and high-performance connectivity.



COMBO / HYBRID MICRO-D

- Suitable for compact designs
- Coax / Power / Signal contacts
- Metal or plastic shell
- Available sizes 9 thru 100
- Available in various shell finishes
- Wire or PCB termination
- Standard and custom hardware available



106 SERIES — HIGH-DENSITY CARD

- Designed for a space efficiency
- Provides an extremely dense and reliable interconnection for card-to-card and card-to-cable applications
- Connector performance per M83513 specifications
- Available in vertical mount for thru-hole and wire harness termination styles for both plug and receptacle
- Wide selection of wire sizes (24 thru 30)
- Shell employs a polarizing “D” shape for correct mating.

WIRE GAUGE CHARTS

DIMENSIONS

AWG	DIAMETER	
	INCH	MM
0000 (4/0)	0.46	11.684
000 (3/0)	0.4096	10.404
00 (2/0)	0.3648	9.266
0 (1/0)	0.3249	8.252
1	0.2893	7.348
2	0.2576	6.544
3	0.2294	5.827
4	0.2043	5.189
5	0.1819	4.621
6	0.162	4.115
7	0.1443	3.665
8	0.1285	3.264
9	0.1144	2.906
10	0.1019	2.588
11	0.0907	2.305
12	0.0808	2.053
13	0.072	1.828
14	0.0641	1.628
15	0.0571	1.45
16	0.0508	1.291
17	0.0453	1.15
18	0.0403	1.024
19	0.0359	0.912
20	0.032	0.812
21	0.0285	0.723
22	0.0253	0.644
23	0.0226	0.573
24	0.0201	0.511
25	0.0179	0.455
26	0.0159	0.405
27	0.0142	0.361
28	0.0126	0.321
29	0.0113	0.286
30	0.01	0.255
31	0.00893	0.227
32	0.00795	0.202
33	0.00708	0.18
34	0.0063	0.16
35	0.00561	0.143
36	0.005	0.127
37	0.00445	0.113
38	0.00397	0.101
39	0.00353	0.0897
40	0.00314	0.0799

COLOR REFERENCE

PIN	BASE COLOR	STRIPE		
		1st	2nd	3rd
1	Black	–	–	–
2	Brown	–	–	–
3	Red	–	–	–
4	Orange	–	–	–
5	Yellow	–	–	–
6	Green	–	–	–
7	Blue	–	–	–
8	Violet	–	–	–
9	Gray	–	–	–
10	White	–	–	–
11	White	Black	–	–
12	White	Brown	–	–
13	White	Red	–	–
14	White	Orange	–	–
15	White	Yellow	–	–
16	White	Green	–	–
17	White	Blue	–	–
18	White	Violet	–	–
19	White	Gray	–	–
20	White	Black	Brown	–
21	White	Black	Red	–
22	White	Black	Orange	–
23	White	Black	Yellow	–
24	White	Black	Green	–
25	White	Black	Blue	–
26	White	Black	Violet	–
27	White	Black	Gray	–
28	White	Brown	Red	–
29	White	Brown	Orange	–
30	White	Brown	Yellow	–
31	White	Brown	Green	–
32	White	Brown	Blue	–
33	White	Brown	Violet	–
34	White	Brown	Gray	–
35	White	Red	Orange	–
36	White	Red	Yellow	–
37	White	Red	Green	–
38	White	Red	Blue	–
39	White	Red	Violet	–
40	White	Red	Gray	–
41	White	Orange	Yellow	–
42	White	Orange	Green	–
43	White	Orange	Blue	–
44	White	Orange	Violet	–
45	White	Orange	Gray	–
46	White	Yellow	Green	–
47	White	Yellow	Blue	–
48	White	Yellow	Violet	–
49	White	Yellow	Gray	–
50	White	Green	Blue	–

PIN	BASE COLOR	STRIPE		
		1st	2nd	3rd
51	White	Green	Violet	–
52	White	Green	Gray	–
53	White	Blue	Violet	–
54	White	Blue	Gray	–
55	White	Violet	Gray	–
56	White	Black	Brown	Red
57	White	Black	Brown	Orange
58	White	Black	Brown	Yellow
59	White	Black	Brown	Green
60	White	Black	Brown	Blue
61	White	Black	Brown	Violet
62	White	Black	Brown	Gray
63	White	Black	Red	Orange
64	White	Black	Red	Yellow
65	White	Black	Red	Green
66	White	Black	Red	Blue
67	White	Black	Red	Violet
68	White	Black	Red	Gray
69	White	Black	Orange	Yellow
70	White	Black	Orange	Green
71	White	Black	Orange	Blue
72	White	Black	Orange	Violet
73	White	Black	Orange	Gray
74	White	Black	Yellow	Green
75	White	Black	Yellow	Blue
76	White	Black	Yellow	Violet
77	White	Black	Yellow	Gray
78	White	Black	Green	Blue
79	White	Black	Green	Violet
80	White	Black	Green	Gray
81	White	Black	Blue	Violet
82	White	Black	Blue	Gray
83	White	Black	Violet	Gray
84	White	Brown	Red	Orange
85	White	Brown	Red	Yellow
86	White	Brown	Red	Green
87	White	Brown	Red	Blue
88	White	Brown	Red	Violet
89	White	Brown	Red	Gray
90	White	Brown	Orange	Yellow
91	White	Brown	Orange	Green
92	White	Brown	Orange	Blue
93	White	Brown	Orange	Violet
94	White	Brown	Orange	Gray
95	White	Brown	Yellow	Green
96	White	Brown	Yellow	Blue
97	White	Brown	Yellow	Violet
98	White	Brown	Yellow	Gray
99	White	Brown	Green	Blue
100	White	Brown	Green	Violet

MIL SPEC	ACC PN
M83513/01-AA	100RL09P-B
M83513/01-AC	100RC09P-B
M83513/01-AK	100RK09P-B
M83513/01-AN	100RN09P-B
M83513/01-AP	104R09P-B
M83513/01-AT	100RT09P-B
M83513/01-BA	100RL15P-B
M83513/01-BC	100RC15P-B
M83513/01-BK	100RK15P-B
M83513/01-BN	100RN15P-B
M83513/01-BP	104R15P-B
M83513/01-BT	100RT15P-B
M83513/01-CA	100RL21P-B
M83513/01-CC	100RC21P-B
M83513/01-CK	100RK21P-B
M83513/01-CN	100RN21P-B
M83513/01-CP	104R21P-B
M83513/01-CT	100RT21P-B
M83513/01-DA	100RL25P-B
M83513/01-DC	100RC25P-B
M83513/01-DK	100RK25P-B
M83513/01-DN	100RN25P-B
M83513/01-DP	104R25P-B
M83513/01-DT	100RT25P-B
M83513/01-EA	100RL31P-B
M83513/01-EC	100RC31P-B
M83513/01-EK	100RK31P-B
M83513/01-EN	100RN31P-B
M83513/01-EP	104R31P-B
M83513/01-ET	100RT31P-B
M83513/01-FA	100RL37P-B
M83513/01-FC	100RC37P-B
M83513/01-FK	100RK37P-B
M83513/01-FN	100RN37P-B
M83513/01-FP	104R37P-B
M83513/01-FT	100RT37P-B
M83513/01-GA	100RL51P-B
M83513/01-GC	100RC51P-B
M83513/01-GK	100RK51P-B
M83513/01-GN	100RN51P-B
M83513/01-GP	104R51P-B
M83513/01-GT	100RT51P-B
M83513/01-HA	100RL100P-B
M83513/01-HC	100RC100P-B
M83513/01-HK	100RK100P-B
M83513/01-HN	100RN100P-B
M83513/01-HP	104R100P-B
M83513/01-HT	100RT100P-B
M83513/02-AA	100RL09S-B
M83513/02-AC	100RC09S-B
M83513/02-AK	100RK09S-B
M83513/02-AN	100RN09S-B

MIL SPEC	ACC PN
M83513/02-AP	104R09S-B
M83513/02-AT	100RT09S-B
M83513/02-BA	100RL15S-B
M83513/02-BC	100RC15S-B
M83513/02-BK	100RK15S-B
M83513/02-BN	100RN15S-B
M83513/02-BP	104R15S-B
M83513/02-BT	100RT15S-B
M83513/02-CA	100RL21S-B
M83513/02-CC	100RC21S-B
M83513/02-CK	100RK21S-B
M83513/02-CN	100RN21S-B
M83513/02-CP	104R21S-B
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M83513/02-FK	100RK37S-B
M83513/02-FN	100RN37S-B
M83513/02-FP	104R37S-B
M83513/02-FT	100RT37S-B
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M83513/02-GP	104R51S-B
M83513/02-GT	100RT51S-B
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M83513/02-HC	100RC100S-B
M83513/02-HK	100RK100S-B
M83513/02-HN	100RN100S-B
M83513/02-HP	104R100S-B
M83513/02-HT	100RT100S-B
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M83513/03-A01C	100RC09P-4E1AB
M83513/03-A01K	100RK09P-4E1AB
M83513/03-A01N	100RN09P-4E1AB
M83513/03-A01P	104R09P-4E1AB
M83513/03-A01T	100RT09P-4E1AB
M83513/03-A02A	100RL09P-4E1BB
M83513/03-A02C	100RC09P-4E1BB

MIL SPEC	ACC PN
M83513/03-A02K	100RK09P-4E1BB
M83513/03-A02N	100RN09P-4E1BB
M83513/03-A02P	104R09P-4E1BB
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M83513/03-A05K	100RK09P-5L4DB
M83513/03-A05N	100RN09P-5L4DB
M83513/03-A05T	100RT09P-5L4DB
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M83513/03-A06K	100RK09P-5L4EB
M83513/03-A06N	100RN09P-5L4EB
M83513/03-A06T	100RT09P-5L4EB
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M83513/03-A07K	100RK09P-5L3DB
M83513/03-A07N	100RN09P-5L3DB
M83513/03-A07T	100RT09P-5L3DB
M83513/03-A08C	100RC09P-5L3EB
M83513/03-A08K	100RK09P-5L3EB
M83513/03-A08N	100RN09P-5L3EB
M83513/03-A08T	100RT09P-5L3EB
M83513/03-A09A	100RL09P-4F1AB
M83513/03-A09C	100RC09P-4F1AB
M83513/03-A09K	100RK09P-4F1AB
M83513/03-A09N	100RN09P-4F1AB
M83513/03-A09P	104R09P-4F1AB
M83513/03-A09T	100RT09P-4F1AB
M83513/03-A10A	100RL09P-4F1BB
M83513/03-A10C	100RC09P-4F1BB
M83513/03-A10K	100RK09P-4F1BB
M83513/03-A10N	100RN09P-4F1BB
M83513/03-A10P	104R09P-4F1BB
M83513/03-A10T	100RT09P-4F1BB
M83513/03-A11A	100RL09P-4F5AB
M83513/03-A11C	100RC09P-4F5AB
M83513/03-A11K	100RK09P-4F5AB
M83513/03-A11N	100RN09P-4F5AB
M83513/03-A11P	104R09P-4F5AB
M83513/03-A11T	100RT09P-4F5AB
M83513/03-A12A	100RL09P-4F5BB
M83513/03-A12C	100RC09P-4F5BB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/03-A12K	100RK09P-4F5BB
M83513/03-A12N	100RN09P-4F5BB
M83513/03-A12P	104R09P-4F5BB
M83513/03-A12T	100RT09P-4F5BB
M83513/03-A13A	100RL09P-4E1CB
M83513/03-A13C	100RC09P-4E1CB
M83513/03-A13K	100RK09P-4E1CB
M83513/03-A13N	100RN09P-4E1CB
M83513/03-A13P	104R09P-4E1CB
M83513/03-A13T	100RT09P-4E1CB
M83513/03-A14A	100RL09P-4E6CB
M83513/03-A14C	100RC09P-4E6CB
M83513/03-A14K	100RK09P-4E6CB
M83513/03-A14N	100RN09P-4E6CB
M83513/03-A14P	104R09P-4E6CB
M83513/03-A14T	100RT09P-4E6CB
M83513/03-A15A	100RL09P-4F1CB
M83513/03-A15C	100RC09P-4F1CB
M83513/03-A15K	100RK09P-4F1CB
M83513/03-A15N	100RN09P-4F1CB
M83513/03-A15P	104R09P-4F1CB
M83513/03-A15T	100RT09P-4F1CB
M83513/03-A16A	100RL09P-4F5CB
M83513/03-A16C	100RC09P-4F5CB
M83513/03-A16K	100RK09P-4F5CB
M83513/03-A16N	100RN09P-4F5CB
M83513/03-A16P	104R09P-4F5CB
M83513/03-A16T	100RT09P-4F5CB
M83513/03-B01A	100RL15P-4E1AB
M83513/03-B01C	100RC15P-4E1AB
M83513/03-B01K	100RK15P-4E1AB
M83513/03-B01N	100RN15P-4E1AB
M83513/03-B01P	104R15P-4E1AB
M83513/03-B01T	100RT15P-4E1AB
M83513/03-B02A	100RL15P-4E1BB
M83513/03-B02C	100RC15P-4E1BB
M83513/03-B02K	100RK15P-4E1BB
M83513/03-B02N	100RN15P-4E1BB
M83513/03-B02P	104R15P-4E1BB
M83513/03-B02T	100RT15P-4E1BB
M83513/03-B03A	100RL15P-4E6AB
M83513/03-B03C	100RC15P-4E6AB
M83513/03-B03K	100RK15P-4E6AB
M83513/03-B03N	100RN15P-4E6AB
M83513/03-B03P	104R15P-4E6AB
M83513/03-B03T	100RT15P-4E6AB
M83513/03-B04A	100RL15P-4E6BB
M83513/03-B04C	100RC15P-4E6BB
M83513/03-B04K	100RK15P-4E6BB
M83513/03-B04N	100RN15P-4E6BB
M83513/03-B04P	104R15P-4E6BB
M83513/03-B04T	100RT15P-4E6BB

MIL SPEC	ACC PN
M83513/03-B05C	100RC15P-5L4DB
M83513/03-B05K	100RK15P-5L4DB
M83513/03-B05N	100RN15P-5L4DB
M83513/03-B05T	100RT15P-5L4DB
M83513/03-B06C	100RC15P-5L4EB
M83513/03-B06K	100RK15P-5L4EB
M83513/03-B06N	100RN15P-5L4EB
M83513/03-B06T	100RT15P-5L4EB
M83513/03-B07C	100RC15P-5L3DB
M83513/03-B07K	100RK15P-5L3DB
M83513/03-B07N	100RN15P-5L3DB
M83513/03-B07T	100RT15P-5L3DB
M83513/03-B08C	100RC15P-5L3EB
M83513/03-B08K	100RK15P-5L3EB
M83513/03-B08N	100RN15P-5L3EB
M83513/03-B08T	100RT15P-5L3EB
M83513/03-B09A	100RL15P-4F1AB
M83513/03-B09C	100RC15P-4F1AB
M83513/03-B09K	100RK15P-4F1AB
M83513/03-B09N	100RN15P-4F1AB
M83513/03-B09P	104R15P-4F1AB
M83513/03-B09T	100RT15P-4F1AB
M83513/03-B10A	100RL15P-4F1BB
M83513/03-B10C	100RC15P-4F1BB
M83513/03-B10K	100RK15P-4F1BB
M83513/03-B10N	100RN15P-4F1BB
M83513/03-B10P	104R15P-4F1BB
M83513/03-B10T	100RT15P-4F1BB
M83513/03-B11A	100RL15P-4F5AB
M83513/03-B11C	100RC15P-4F5AB
M83513/03-B11K	100RK15P-4F5AB
M83513/03-B11N	100RN15P-4F5AB
M83513/03-B11P	104R15P-4F5AB
M83513/03-B11T	100RT15P-4F5AB
M83513/03-B12A	100RL15P-4F5BB
M83513/03-B12C	100RC15P-4F5BB
M83513/03-B12K	100RK15P-4F5BB
M83513/03-B12N	100RN15P-4F5BB
M83513/03-B12P	104R15P-4F5BB
M83513/03-B12T	100RT15P-4F5BB
M83513/03-B13A	100RL15P-4E1CB
M83513/03-B13C	100RC15P-4E1CB
M83513/03-B13K	100RK15P-4E1CB
M83513/03-B13N	100RN15P-4E1CB
M83513/03-B13P	104R15P-4E1CB
M83513/03-B13T	100RT15P-4E1CB
M83513/03-B14A	100RL15P-4E6CB
M83513/03-B14C	100RC15P-4E6CB
M83513/03-B14K	100RK15P-4E6CB
M83513/03-B14N	100RN15P-4E6CB
M83513/03-B14P	104R15P-4E6CB
M83513/03-B14T	100RT15P-4E6CB

MIL SPEC	ACC PN
M83513/03-B15A	100RL15P-4F1CB
M83513/03-B15C	100RC15P-4F1CB
M83513/03-B15K	100RK15P-4F1CB
M83513/03-B15N	100RN15P-4F1CB
M83513/03-B15P	104R15P-4F1CB
M83513/03-B15T	100RT15P-4F1CB
M83513/03-B16A	100RL15P-4F5CB
M83513/03-B16C	100RC15P-4F5CB
M83513/03-B16K	100RK15P-4F5CB
M83513/03-B16N	100RN15P-4F5CB
M83513/03-B16P	104R15P-4F5CB
M83513/03-B16T	100RT15P-4F5CB
M83513/03-C01A	100RL21P-4E1AB
M83513/03-C01C	100RC21P-4E1AB
M83513/03-C01K	100RK21P-4E1AB
M83513/03-C01N	100RN21P-4E1AB
M83513/03-C01P	104R21P-4E1AB
M83513/03-C01T	100RT21P-4E1AB
M83513/03-C02A	100RL21P-4E1BB
M83513/03-C02C	100RC21P-4E1BB
M83513/03-C02K	100RK21P-4E1BB
M83513/03-C02N	100RN21P-4E1BB
M83513/03-C02P	104R21P-4E1BB
M83513/03-C02T	100RT21P-4E1BB
M83513/03-C03A	100RL21P-4E6AB
M83513/03-C03C	100RC21P-4E6AB
M83513/03-C03K	100RK21P-4E6AB
M83513/03-C03N	100RN21P-4E6AB
M83513/03-C03P	104R21P-4E6AB
M83513/03-C03T	100RT21P-4E6AB
M83513/03-C04A	100RL21P-4E6BB
M83513/03-C04C	100RC21P-4E6BB
M83513/03-C04K	100RK21P-4E6BB
M83513/03-C04N	100RN21P-4E6BB
M83513/03-C04P	104R21P-4E6BB
M83513/03-C04T	100RT21P-4E6BB
M83513/03-C05C	100RC21P-5L4DB
M83513/03-C05K	100RK21P-5L4DB
M83513/03-C05N	100RN21P-5L4DB
M83513/03-C05T	100RT21P-5L4DB
M83513/03-C06C	100RC21P-5L4EB
M83513/03-C06K	100RK21P-5L4EB
M83513/03-C06N	100RN21P-5L4EB
M83513/03-C06T	100RT21P-5L4EB
M83513/03-C07C	100RC21P-5L3DB
M83513/03-C07K	100RK21P-5L3DB
M83513/03-C07N	100RN21P-5L3DB
M83513/03-C07T	100RT21P-5L3DB
M83513/03-C08C	100RC21P-5L3EB
M83513/03-C08K	100RK21P-5L3EB
M83513/03-C08N	100RN21P-5L3EB
M83513/03-C08T	100RT21P-5L3EB

MIL SPEC	ACC PN
M83513/03-C09A	100RL21P-4F1AB
M83513/03-C09C	100RC21P-4F1AB
M83513/03-C09K	100RK21P-4F1AB
M83513/03-C09N	100RN21P-4F1AB
M83513/03-C09P	104R21P-4F1AB
M83513/03-C09T	100RT21P-4F1AB
M83513/03-C10A	100RL21P-4F1BB
M83513/03-C10C	100RC21P-4F1BB
M83513/03-C10K	100RK21P-4F1BB
M83513/03-C10N	100RN21P-4F1BB
M83513/03-C10P	104R21P-4F1BB
M83513/03-C10T	100RT21P-4F1BB
M83513/03-C11A	100RL21P-4F5AB
M83513/03-C11C	100RC21P-4F5AB
M83513/03-C11K	100RK21P-4F5AB
M83513/03-C11N	100RN21P-4F5AB
M83513/03-C11P	104R21P-4F5AB
M83513/03-C11T	100RT21P-4F5AB
M83513/03-C12A	100RL21P-4F5BB
M83513/03-C12C	100RC21P-4F5BB
M83513/03-C12K	100RK21P-4F5BB
M83513/03-C12N	100RN21P-4F5BB
M83513/03-C12P	104R21P-4F5BB
M83513/03-C12T	100RT21P-4F5BB
M83513/03-C13A	100RL21P-4E1CB
M83513/03-C13C	100RC21P-4E1CB
M83513/03-C13K	100RK21P-4E1CB
M83513/03-C13N	100RN21P-4E1CB
M83513/03-C13P	104R21P-4E1CB
M83513/03-C13T	100RT21P-4E1CB
M83513/03-C14A	100RL21P-4E6CB
M83513/03-C14C	100RC21P-4E6CB
M83513/03-C14K	100RK21P-4E6CB
M83513/03-C14N	100RN21P-4E6CB
M83513/03-C14P	104R21P-4E6CB
M83513/03-C14T	100RT21P-4E6CB
M83513/03-C15A	100RL21P-4F1CB
M83513/03-C15C	100RC21P-4F1CB
M83513/03-C15K	100RK21P-4F1CB
M83513/03-C15N	100RN21P-4F1CB
M83513/03-C15P	104R21P-4F1CB
M83513/03-C15T	100RT21P-4F1CB
M83513/03-C16A	100RL21P-4F5CB
M83513/03-C16C	100RC21P-4F5CB
M83513/03-C16K	100RK21P-4F5CB
M83513/03-C16N	100RN21P-4F5CB
M83513/03-C16P	104R21P-4F5CB
M83513/03-C16T	100RT21P-4F5CB
M83513/03-D01A	100RL25P-4E1AB
M83513/03-D01C	100RC25P-4E1AB
M83513/03-D01K	100RK25P-4E1AB
M83513/03-D01N	100RN25P-4E1AB

MIL SPEC	ACC PN
M83513/03-D01P	104R25P-4E1AB
M83513/03-D01T	100RT25P-4E1AB
M83513/03-D02A	100RL25P-4E1BB
M83513/03-D02C	100RC25P-4E1BB
M83513/03-D02K	100RK25P-4E1BB
M83513/03-D02N	100RN25P-4E1BB
M83513/03-D02P	104R25P-4E1BB
M83513/03-D02T	100RT25P-4E1BB
M83513/03-D03A	100RL25P-4E6AB
M83513/03-D03C	100RC25P-4E6AB
M83513/03-D03K	100RK25P-4E6AB
M83513/03-D03N	100RN25P-4E6AB
M83513/03-D03P	104R25P-4E6AB
M83513/03-D03T	100RT25P-4E6AB
M83513/03-D04A	100RL25P-4E6BB
M83513/03-D04C	100RC25P-4E6BB
M83513/03-D04K	100RK25P-4E6BB
M83513/03-D04N	100RN25P-4E6BB
M83513/03-D04P	104R25P-4E6BB
M83513/03-D04T	100RT25P-4E6BB
M83513/03-D05C	100RC25P-5L4DB
M83513/03-D05K	100RK25P-5L4DB
M83513/03-D05N	100RN25P-5L4DB
M83513/03-D05T	100RT25P-5L4DB
M83513/03-D06C	100RC25P-5L4EB
M83513/03-D06K	100RK25P-5L4EB
M83513/03-D06N	100RN25P-5L4EB
M83513/03-D06T	100RT25P-5L4EB
M83513/03-D07C	100RC25P-5L3DB
M83513/03-D07K	100RK25P-5L3DB
M83513/03-D07N	100RN25P-5L3DB
M83513/03-D07T	100RT25P-5L3DB
M83513/03-D08C	100RC25P-5L3EB
M83513/03-D08K	100RK25P-5L3EB
M83513/03-D08N	100RN25P-5L3EB
M83513/03-D08T	100RT25P-5L3EB
M83513/03-D09A	100RL25P-4F1AB
M83513/03-D09C	100RC25P-4F1AB
M83513/03-D09K	100RK25P-4F1AB
M83513/03-D09N	100RN25P-4F1AB
M83513/03-D09P	104R25P-4F1AB
M83513/03-D09T	100RT25P-4F1AB
M83513/03-D10A	100RL25P-4F1BB
M83513/03-D10C	100RC25P-4F1BB
M83513/03-D10K	100RK25P-4F1BB
M83513/03-D10N	100RN25P-4F1BB
M83513/03-D10P	104R25P-4F1BB
M83513/03-D10T	100RT25P-4F1BB
M83513/03-D11A	100RL25P-4F5AB
M83513/03-D11C	100RC25P-4F5AB
M83513/03-D11K	100RK25P-4F5AB
M83513/03-D11N	100RN25P-4F5AB

MIL SPEC	ACC PN
M83513/03-D11P	104R25P-4F5AB
M83513/03-D11T	100RT25P-4F5AB
M83513/03-D12A	100RL25P-4F5BB
M83513/03-D12C	100RC25P-4F5BB
M83513/03-D12K	100RK25P-4F5BB
M83513/03-D12N	100RN25P-4F5BB
M83513/03-D12P	104R25P-4F5BB
M83513/03-D12T	100RT25P-4F5BB
M83513/03-D13A	100RL25P-4E1CB
M83513/03-D13C	100RC25P-4E1CB
M83513/03-D13K	100RK25P-4E1CB
M83513/03-D13N	100RN25P-4E1CB
M83513/03-D13P	104R25P-4E1CB
M83513/03-D13T	100RT25P-4E1CB
M83513/03-D14A	100RL25P-4E6CB
M83513/03-D14C	100RC25P-4E6CB
M83513/03-D14K	100RK25P-4E6CB
M83513/03-D14N	100RN25P-4E6CB
M83513/03-D14P	104R25P-4E6CB
M83513/03-D14T	100RT25P-4E6CB
M83513/03-D15A	100RL25P-4F1CB
M83513/03-D15C	100RC25P-4F1CB
M83513/03-D15K	100RK25P-4F1CB
M83513/03-D15N	100RN25P-4F1CB
M83513/03-D15P	104R25P-4F1CB
M83513/03-D15T	100RT25P-4F1CB
M83513/03-D16A	100RL25P-4F5CB
M83513/03-D16C	100RC25P-4F5CB
M83513/03-D16K	100RK25P-4F5CB
M83513/03-D16N	100RN25P-4F5CB
M83513/03-D16P	104R25P-4F5CB
M83513/03-D16T	100RT25P-4F5CB
M83513/03-E01A	100RL31P-4E1AB
M83513/03-E01C	100RC31P-4E1AB
M83513/03-E01K	100RK31P-4E1AB
M83513/03-E01N	100RN31P-4E1AB
M83513/03-E01P	104R31P-4E1AB
M83513/03-E01T	100RT31P-4E1AB
M83513/03-E02A	100RL31P-4E1BB
M83513/03-E02C	100RC31P-4E1BB
M83513/03-E02K	100RK31P-4E1BB
M83513/03-E02N	100RN31P-4E1BB
M83513/03-E02P	104R31P-4E1BB
M83513/03-E02T	100RT31P-4E1BB
M83513/03-E03A	100RL31P-4E6AB
M83513/03-E03C	100RC31P-4E6AB
M83513/03-E03K	100RK31P-4E6AB
M83513/03-E03N	100RN31P-4E6AB
M83513/03-E03P	104R31P-4E6AB
M83513/03-E03T	100RT31P-4E6AB
M83513/03-E04A	100RL31P-4E6BB
M83513/03-E04C	100RC31P-4E6BB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/03-E04K	100RK31P-4E6BB
M83513/03-E04N	100RN31P-4E6BB
M83513/03-E04P	104R31P-4E6BB
M83513/03-E04T	100RT31P-4E6BB
M83513/03-E05C	100RC31P-5L4DB
M83513/03-E05K	100RK31P-5L4DB
M83513/03-E05N	100RN31P-5L4DB
M83513/03-E05T	100RT31P-5L4DB
M83513/03-E06C	100RC31P-5L4EB
M83513/03-E06K	100RK31P-5L4EB
M83513/03-E06N	100RN31P-5L4EB
M83513/03-E06T	100RT31P-5L4EB
M83513/03-E07C	100RC31P-5L3DB
M83513/03-E07K	100RK31P-5L3DB
M83513/03-E07N	100RN31P-5L3DB
M83513/03-E07T	100RT31P-5L3DB
M83513/03-E08C	100RC31P-5L3EB
M83513/03-E08K	100RK31P-5L3EB
M83513/03-E08N	100RN31P-5L3EB
M83513/03-E08T	100RT31P-5L3EB
M83513/03-E09A	100RL31P-4F1AB
M83513/03-E09C	100RC31P-4F1AB
M83513/03-E09K	100RK31P-4F1AB
M83513/03-E09N	100RN31P-4F1AB
M83513/03-E09P	104R31P-4F1AB
M83513/03-E09T	100RT31P-4F1AB
M83513/03-E10A	100RL31P-4F1BB
M83513/03-E10C	100RC31P-4F1BB
M83513/03-E10K	100RK31P-4F1BB
M83513/03-E10N	100RN31P-4F1BB
M83513/03-E10P	104R31P-4F1BB
M83513/03-E10T	100RT31P-4F1BB
M83513/03-E11A	100RL31P-4F5AB
M83513/03-E11C	100RC31P-4F5AB
M83513/03-E11K	100RK31P-4F5AB
M83513/03-E11N	100RN31P-4F5AB
M83513/03-E11P	104R31P-4F5AB
M83513/03-E11T	100RT31P-4F5AB
M83513/03-E12A	100RL31P-4F5BB
M83513/03-E12C	100RC31P-4F5BB
M83513/03-E12K	100RK31P-4F5BB
M83513/03-E12N	100RN31P-4F5BB
M83513/03-E12P	104R31P-4F5BB
M83513/03-E12T	100RT31P-4F5BB
M83513/03-E13A	100RL31P-4E1CB
M83513/03-E13C	100RC31P-4E1CB
M83513/03-E13K	100RK31P-4E1CB
M83513/03-E13N	100RN31P-4E1CB
M83513/03-E13P	104R31P-4E1CB
M83513/03-E13T	100RT31P-4E1CB
M83513/03-E14A	100RL31P-4E6CB
M83513/03-E14C	100RC31P-4E6CB

MIL SPEC	ACC PN
M83513/03-E14K	100RK31P-4E6CB
M83513/03-E14N	100RN31P-4E6CB
M83513/03-E14P	104R31P-4E6CB
M83513/03-E14T	100RT31P-4E6CB
M83513/03-E15A	100RL31P-4F1CB
M83513/03-E15C	100RC31P-4F1CB
M83513/03-E15K	100RK31P-4F1CB
M83513/03-E15N	100RN31P-4F1CB
M83513/03-E15P	104R31P-4F1CB
M83513/03-E15T	100RT31P-4F1CB
M83513/03-E16A	100RL31P-4F5CB
M83513/03-E16C	100RC31P-4F5CB
M83513/03-E16K	100RK31P-4F5CB
M83513/03-E16N	100RN31P-4F5CB
M83513/03-E16P	104R31P-4F5CB
M83513/03-E16T	100RT31P-4F5CB
M83513/03-F01A	100RL37P-4E1AB
M83513/03-F01C	100RC37P-4E1AB
M83513/03-F01K	100RK37P-4E1AB
M83513/03-F01N	100RN37P-4E1AB
M83513/03-F01P	104R37P-4E1AB
M83513/03-F01T	100RT37P-4E1AB
M83513/03-F02A	100RL37P-4E1BB
M83513/03-F02C	100RC37P-4E1BB
M83513/03-F02K	100RK37P-4E1BB
M83513/03-F02N	100RN37P-4E1BB
M83513/03-F02P	104R37P-4E1BB
M83513/03-F02T	100RT37P-4E1BB
M83513/03-F03A	100RL37P-4E6AB
M83513/03-F03C	100RC37P-4E6AB
M83513/03-F03K	100RK37P-4E6AB
M83513/03-F03N	100RN37P-4E6AB
M83513/03-F03P	104R37P-4E6AB
M83513/03-F03T	100RT37P-4E6AB
M83513/03-F04A	100RL37P-4E6BB
M83513/03-F04C	100RC37P-4E6BB
M83513/03-F04K	100RK37P-4E6BB
M83513/03-F04N	100RN37P-4E6BB
M83513/03-F04P	104R37P-4E6BB
M83513/03-F04T	100RT37P-4E6BB
M83513/03-F05C	100RC37P-5L4DB
M83513/03-F05K	100RK37P-5L4DB
M83513/03-F05N	100RN37P-5L4DB
M83513/03-F05T	100RT37P-5L4DB
M83513/03-F06C	100RC37P-5L4EB
M83513/03-F06K	100RK37P-5L4EB
M83513/03-F06N	100RN37P-5L4EB
M83513/03-F06T	100RT37P-5L4EB
M83513/03-F07C	100RC37P-5L3DB
M83513/03-F07K	100RK37P-5L3DB
M83513/03-F07N	100RN37P-5L3DB
M83513/03-F07T	100RT37P-5L3DB

MIL SPEC	ACC PN
M83513/03-F08C	100RC37P-5L3EB
M83513/03-F08K	100RK37P-5L3EB
M83513/03-F08N	100RN37P-5L3EB
M83513/03-F08T	100RT37P-5L3EB
M83513/03-F09A	100RL37P-4F1AB
M83513/03-F09C	100RC37P-4F1AB
M83513/03-F09K	100RK37P-4F1AB
M83513/03-F09N	100RN37P-4F1AB
M83513/03-F09P	104R37P-4F1AB
M83513/03-F09T	100RT37P-4F1AB
M83513/03-F10A	100RL37P-4F1BB
M83513/03-F10C	100RC37P-4F1BB
M83513/03-F10K	100RK37P-4F1BB
M83513/03-F10N	100RN37P-4F1BB
M83513/03-F10P	104R37P-4F1BB
M83513/03-F10T	100RT37P-4F1BB
M83513/03-F11A	100RL37P-4F5AB
M83513/03-F11C	100RC37P-4F5AB
M83513/03-F11K	100RK37P-4F5AB
M83513/03-F11N	100RN37P-4F5AB
M83513/03-F11P	104R37P-4F5AB
M83513/03-F11T	100RT37P-4F5AB
M83513/03-F12A	100RL37P-4F5BB
M83513/03-F12C	100RC37P-4F5BB
M83513/03-F12K	100RK37P-4F5BB
M83513/03-F12N	100RN37P-4F5BB
M83513/03-F12P	104R37P-4F5BB
M83513/03-F12T	100RT37P-4F5BB
M83513/03-F13A	100RL37P-4E1CB
M83513/03-F13C	100RC37P-4E1CB
M83513/03-F13K	100RK37P-4E1CB
M83513/03-F13N	100RN37P-4E1CB
M83513/03-F13P	104R37P-4E1CB
M83513/03-F13T	100RT37P-4E1CB
M83513/03-F14A	100RL37P-4E6CB
M83513/03-F14C	100RC37P-4E6CB
M83513/03-F14K	100RK37P-4E6CB
M83513/03-F14N	100RN37P-4E6CB
M83513/03-F14P	104R37P-4E6CB
M83513/03-F14T	100RT37P-4E6CB
M83513/03-F15A	100RL37P-4F1CB
M83513/03-F15C	100RC37P-4F1CB
M83513/03-F15K	100RK37P-4F1CB
M83513/03-F15N	100RN37P-4F1CB
M83513/03-F15P	104R37P-4F1CB
M83513/03-F15T	100RT37P-4F1CB
M83513/03-F16A	100RL37P-4F5CB
M83513/03-F16C	100RC37P-4F5CB
M83513/03-F16K	100RK37P-4F5CB
M83513/03-F16N	100RN37P-4F5CB
M83513/03-F16P	104R37P-4F5CB
M83513/03-F16T	100RT37P-4F5CB

MIL SPEC	ACC PN
M83513/03-G01A	100RL51P-4E1AB
M83513/03-G01C	100RC51P-4E1AB
M83513/03-G01K	100RK51P-4E1AB
M83513/03-G01N	100RN51P-4E1AB
M83513/03-G01P	104R51P-4E1AB
M83513/03-G01T	100RT51P-4E1AB
M83513/03-G02A	100RL51P-4E1BB
M83513/03-G02C	100RC51P-4E1BB
M83513/03-G02K	100RK51P-4E1BB
M83513/03-G02N	100RN51P-4E1BB
M83513/03-G02P	104R51P-4E1BB
M83513/03-G02T	100RT51P-4E1BB
M83513/03-G03A	100RL51P-4E6AB
M83513/03-G03C	100RC51P-4E6AB
M83513/03-G03K	100RK51P-4E6AB
M83513/03-G03N	100RN51P-4E6AB
M83513/03-G03P	104R51P-4E6AB
M83513/03-G03T	100RT51P-4E6AB
M83513/03-G04A	100RL51P-4E6BB
M83513/03-G04C	100RC51P-4E6BB
M83513/03-G04K	100RK51P-4E6BB
M83513/03-G04N	100RN51P-4E6BB
M83513/03-G04P	104R51P-4E6BB
M83513/03-G04T	100RT51P-4E6BB
M83513/03-G05C	100RC51P-5L4DB
M83513/03-G05K	100RK51P-5L4DB
M83513/03-G05N	100RN51P-5L4DB
M83513/03-G05T	100RT51P-5L4DB
M83513/03-G06C	100RC51P-5L4EB
M83513/03-G06K	100RK51P-5L4EB
M83513/03-G06N	100RN51P-5L4EB
M83513/03-G06T	100RT51P-5L4EB
M83513/03-G07C	100RC51P-5L3DB
M83513/03-G07K	100RK51P-5L3DB
M83513/03-G07N	100RN51P-5L3DB
M83513/03-G07T	100RT51P-5L3DB
M83513/03-G08C	100RC51P-5L3EB
M83513/03-G08K	100RK51P-5L3EB
M83513/03-G08N	100RN51P-5L3EB
M83513/03-G08T	100RT51P-5L3EB
M83513/03-G09A	100RL51P-4F1AB
M83513/03-G09C	100RC51P-4F1AB
M83513/03-G09K	100RK51P-4F1AB
M83513/03-G09N	100RN51P-4F1AB
M83513/03-G09P	104R51P-4F1AB
M83513/03-G09T	100RT51P-4F1AB
M83513/03-G10A	100RL51P-4F1BB
M83513/03-G10C	100RC51P-4F1BB
M83513/03-G10K	100RK51P-4F1BB
M83513/03-G10N	100RN51P-4F1BB
M83513/03-G10P	104R51P-4F1BB
M83513/03-G10T	100RT51P-4F1BB

MIL SPEC	ACC PN
M83513/03-G11A	100RL51P-4F5AB
M83513/03-G11C	100RC51P-4F5AB
M83513/03-G11K	100RK51P-4F5AB
M83513/03-G11N	100RN51P-4F5AB
M83513/03-G11P	104R51P-4F5AB
M83513/03-G11T	100RT51P-4F5AB
M83513/03-G12A	100RL51P-4F5BB
M83513/03-G12C	100RC51P-4F5BB
M83513/03-G12K	100RK51P-4F5BB
M83513/03-G12N	100RN51P-4F5BB
M83513/03-G12P	104R51P-4F5BB
M83513/03-G12T	100RT51P-4F5BB
M83513/03-G13A	100RL51P-4E1CB
M83513/03-G13C	100RC51P-4E1CB
M83513/03-G13K	100RK51P-4E1CB
M83513/03-G13N	100RN51P-4E1CB
M83513/03-G13P	104R51P-4E1CB
M83513/03-G13T	100RT51P-4E1CB
M83513/03-G14A	100RL51P-4E6CB
M83513/03-G14C	100RC51P-4E6CB
M83513/03-G14K	100RK51P-4E6CB
M83513/03-G14N	100RN51P-4E6CB
M83513/03-G14P	104R51P-4E6CB
M83513/03-G14T	100RT51P-4E6CB
M83513/03-G15A	100RL51P-4F1CB
M83513/03-G15C	100RC51P-4F1CB
M83513/03-G15K	100RK51P-4F1CB
M83513/03-G15N	100RN51P-4F1CB
M83513/03-G15P	104R51P-4F1CB
M83513/03-G15T	100RT51P-4F1CB
M83513/03-G16A	100RL51P-4F5CB
M83513/03-G16C	100RC51P-4F5CB
M83513/03-G16K	100RK51P-4F5CB
M83513/03-G16N	100RN51P-4F5CB
M83513/03-G16P	104R51P-4F5CB
M83513/03-G16T	100RT51P-4F5CB
M83513/03-H01A	100RL100P-4E1AB
M83513/03-H01C	100RC100P-4E1AB
M83513/03-H01K	100RK100P-4E1AB
M83513/03-H01N	100RN100P-4E1AB
M83513/03-H01P	104R100P-4E1AB
M83513/03-H01T	100RT100P-4E1AB
M83513/03-H02A	100RL100P-4E1BB
M83513/03-H02C	100RC100P-4E1BB
M83513/03-H02K	100RK100P-4E1BB
M83513/03-H02N	100RN100P-4E1BB
M83513/03-H02P	104R100P-4E1BB
M83513/03-H02T	100RT100P-4E1BB
M83513/03-H03A	100RL100P-4E6AB
M83513/03-H03C	100RC100P-4E6AB
M83513/03-H03K	100RK100P-4E6AB
M83513/03-H03N	100RN100P-4E6AB

MIL SPEC	ACC PN
M83513/03-H03P	104R100P-4E6AB
M83513/03-H03T	100RT100P-4E6AB
M83513/03-H04A	100RL100P-4E6BB
M83513/03-H04C	100RC100P-4E6BB
M83513/03-H04K	100RK100P-4E6BB
M83513/03-H04N	100RN100P-4E6BB
M83513/03-H04P	104R100P-4E6BB
M83513/03-H04T	100RT100P-4E6BB
M83513/03-H05C	100RC100P-5L4DB
M83513/03-H05K	100RK100P-5L4DB
M83513/03-H05N	100RN100P-5L4DB
M83513/03-H05T	100RT100P-5L4DB
M83513/03-H06C	100RC100P-5L4EB
M83513/03-H06K	100RK100P-5L4EB
M83513/03-H06N	100RN100P-5L4EB
M83513/03-H06T	100RT100P-5L4EB
M83513/03-H07C	100RC100P-5L3DB
M83513/03-H07K	100RK100P-5L3DB
M83513/03-H07N	100RN100P-5L3DB
M83513/03-H07T	100RT100P-5L3DB
M83513/03-H08C	100RC100P-5L3EB
M83513/03-H08K	100RK100P-5L3EB
M83513/03-H08N	100RN100P-5L3EB
M83513/03-H08T	100RT100P-5L3EB
M83513/03-H09A	100RL100P-4F1AB
M83513/03-H09C	100RC100P-4F1AB
M83513/03-H09K	100RK100P-4F1AB
M83513/03-H09N	100RN100P-4F1AB
M83513/03-H09P	104R100P-4F1AB
M83513/03-H09T	100RT100P-4F1AB
M83513/03-H10A	100RL100P-4F1BB
M83513/03-H10C	100RC100P-4F1BB
M83513/03-H10K	100RK100P-4F1BB
M83513/03-H10N	100RN100P-4F1BB
M83513/03-H10P	104R100P-4F1BB
M83513/03-H10T	100RT100P-4F1BB
M83513/03-H11A	100RL100P-4F5AB
M83513/03-H11C	100RC100P-4F5AB
M83513/03-H11K	100RK100P-4F5AB
M83513/03-H11N	100RN100P-4F5AB
M83513/03-H11P	104R100P-4F5AB
M83513/03-H11T	100RT100P-4F5AB
M83513/03-H12A	100RL100P-4F5BB
M83513/03-H12C	100RC100P-4F5BB
M83513/03-H12K	100RK100P-4F5BB
M83513/03-H12N	100RN100P-4F5BB
M83513/03-H12P	104R100P-4F5BB
M83513/03-H12T	100RT100P-4F5BB
M83513/03-H13A	100RL100P-4E1CB
M83513/03-H13C	100RC100P-4E1CB
M83513/03-H13K	100RK100P-4E1CB
M83513/03-H13N	100RN100P-4E1CB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/03-H13P	104R100P-4E1CB
M83513/03-H13T	100RT100P-4E1CB
M83513/03-H14A	100RL100P-4E6CB
M83513/03-H14C	100RC100P-4E6CB
M83513/03-H14K	100RK100P-4E6CB
M83513/03-H14N	100RN100P-4E6CB
M83513/03-H14P	104R100P-4E6CB
M83513/03-H14T	100RT100P-4E6CB
M83513/03-H15A	100RL100P-4F1CB
M83513/03-H15C	100RC100P-4F1CB
M83513/03-H15K	100RK100P-4F1CB
M83513/03-H15N	100RN100P-4F1CB
M83513/03-H15P	104R100P-4F1CB
M83513/03-H15T	100RT100P-4F1CB
M83513/03-H16A	100RL100P-4F5CB
M83513/03-H16C	100RC100P-4F5CB
M83513/03-H16K	100RK100P-4F5CB
M83513/03-H16N	100RN100P-4F5CB
M83513/03-H16P	104R100P-4F5CB
M83513/03-H16T	100RT100P-4F5CB
M83513/04-A01A	100RL09S-4E1AB
M83513/04-A01C	100RC09S-4E1AB
M83513/04-A01K	100RK09S-4E1AB
M83513/04-A01N	100RN09S-4E1AB
M83513/04-A01P	104R09S-4E1AB
M83513/04-A01T	100RT09S-4E1AB
M83513/04-A02A	100RL09S-4E1BB
M83513/04-A02C	100RC09S-4E1BB
M83513/04-A02K	100RK09S-4E1BB
M83513/04-A02N	100RN09S-4E1BB
M83513/04-A02P	104R09S-4E1BB
M83513/04-A02T	100RT09S-4E1BB
M83513/04-A03A	100RL09S-4E6AB
M83513/04-A03C	100RC09S-4E6AB
M83513/04-A03K	100RK09S-4E6AB
M83513/04-A03N	100RN09S-4E6AB
M83513/04-A03P	104R09S-4E6AB
M83513/04-A03T	100RT09S-4E6AB
M83513/04-A04A	100RL09S-4E6BB
M83513/04-A04C	100RC09S-4E6BB
M83513/04-A04K	100RK09S-4E6BB
M83513/04-A04N	100RN09S-4E6BB
M83513/04-A04P	104R09S-4E6BB
M83513/04-A04T	100RT09S-4E6BB
M83513/04-A05C	100RC09S-5L4DB
M83513/04-A05K	100RK09S-5L4DB
M83513/04-A05N	100RN09S-5L4DB
M83513/04-A05T	100RT09S-5L4DB
M83513/04-A06C	100RC09S-5L4EB
M83513/04-A06K	100RK09S-5L4EB
M83513/04-A06N	100RN09S-5L4EB
M83513/04-A06T	100RT09S-5L4EB
M83513/04-A07C	100RC09S-5L3DB
M83513/04-A07K	100RK09S-5L3DB
M83513/04-A07N	100RN09S-5L3DB
M83513/04-A07T	100RT09S-5L3DB
M83513/04-A08C	100RC09S-5L3EB
M83513/04-A08K	100RK09S-5L3EB
M83513/04-A08N	100RN09S-5L3EB
M83513/04-A08T	100RT09S-5L3EB
M83513/04-A09A	100RL09S-4F1AB
M83513/04-A09C	100RC09S-4F1AB
M83513/04-A09K	100RK09S-4F1AB
M83513/04-A09N	100RN09S-4F1AB
M83513/04-A09P	104R09S-4F1AB
M83513/04-A09T	100RT09S-4F1AB
M83513/04-A10A	100RL09S-4F1BB
M83513/04-A10C	100RC09S-4F1BB
M83513/04-A10K	100RK09S-4F1BB
M83513/04-A10N	100RN09S-4F1BB
M83513/04-A10P	104R09S-4F1BB
M83513/04-A10T	100RT09S-4F1BB
M83513/04-A11A	100RL09S-4F5AB
M83513/04-A11C	100RC09S-4F5AB
M83513/04-A11K	100RK09S-4F5AB
M83513/04-A11N	100RN09S-4F5AB
M83513/04-A11P	104R09S-4F5AB
M83513/04-A11T	100RT09S-4F5AB
M83513/04-A12A	100RL09S-4F5BB
M83513/04-A12C	100RC09S-4F5BB
M83513/04-A12K	100RK09S-4F5BB
M83513/04-A12N	100RN09S-4F5BB
M83513/04-A12P	104R09S-4F5BB
M83513/04-A12T	100RT09S-4F5BB
M83513/04-A13A	100RL09S-4E1CB
M83513/04-A13C	100RC09S-4E1CB
M83513/04-A13K	100RK09S-4E1CB
M83513/04-A13N	100RN09S-4E1CB
M83513/04-A13P	104R09S-4E1CB
M83513/04-A13T	100RT09S-4E1CB
M83513/04-A14A	100RL09S-4E6CB
M83513/04-A14C	100RC09S-4E6CB
M83513/04-A14K	100RK09S-4E6CB
M83513/04-A14N	100RN09S-4E6CB
M83513/04-A14P	104R09S-4E6CB
M83513/04-A14T	100RT09S-4E6CB
M83513/04-A15A	100RL09S-4F1CB
M83513/04-A15C	100RC09S-4F1CB
M83513/04-A15K	100RK09S-4F1CB
M83513/04-A15N	100RN09S-4F1CB
M83513/04-A15P	104R09S-4F1CB
M83513/04-A15T	100RT09S-4F1CB
M83513/04-A16A	100RL09S-4F5CB
M83513/04-A16C	100RC09S-4F5CB
M83513/04-A16K	100RK09S-4F5CB
M83513/04-A16N	100RN09S-4F5CB
M83513/04-A16P	104R09S-4F5CB
M83513/04-A16T	100RT09S-4F5CB
M83513/04-B01A	100RL15S-4E1AB
M83513/04-B01C	100RC15S-4E1AB
M83513/04-B01K	100RK15S-4E1AB
M83513/04-B01N	100RN15S-4E1AB
M83513/04-B01P	104R15S-4E1AB
M83513/04-B01T	100RT15S-4E1AB
M83513/04-B02A	100RL15S-4E1BB
M83513/04-B02C	100RC15S-4E1BB
M83513/04-B02K	100RK15S-4E1BB
M83513/04-B02N	100RN15S-4E1BB
M83513/04-B02P	104R15S-4E1BB
M83513/04-B02T	100RT15S-4E1BB
M83513/04-B03A	100RL15S-4E6AB
M83513/04-B03C	100RC15S-4E6AB
M83513/04-B03K	100RK15S-4E6AB
M83513/04-B03N	100RN15S-4E6AB
M83513/04-B03P	104R15S-4E6AB
M83513/04-B03T	100RT15S-4E6AB
M83513/04-B04A	100RL15S-4E6BB
M83513/04-B04C	100RC15S-4E6BB
M83513/04-B04K	100RK15S-4E6BB
M83513/04-B04N	100RN15S-4E6BB
M83513/04-B04P	104R15S-4E6BB
M83513/04-B04T	100RT15S-4E6BB
M83513/04-B05C	100RC15S-5L4DB
M83513/04-B05K	100RK15S-5L4DB
M83513/04-B05N	100RN15S-5L4DB
M83513/04-B05T	100RT15S-5L4DB
M83513/04-B06C	100RC15S-5L4EB
M83513/04-B06K	100RK15S-5L4EB
M83513/04-B06N	100RN15S-5L4EB
M83513/04-B06T	100RT15S-5L4EB
M83513/04-B07C	100RC15S-5L3DB
M83513/04-B07K	100RK15S-5L3DB
M83513/04-B07N	100RN15S-5L3DB
M83513/04-B07T	100RT15S-5L3DB
M83513/04-B08C	100RC15S-5L3EB
M83513/04-B08K	100RK15S-5L3EB
M83513/04-B08N	100RN15S-5L3EB
M83513/04-B08T	100RT15S-5L3EB
M83513/04-B09A	100RL15S-4F1AB
M83513/04-B09C	100RC15S-4F1AB
M83513/04-B09K	100RK15S-4F1AB
M83513/04-B09N	100RN15S-4F1AB
M83513/04-B09P	104R15S-4F1AB
M83513/04-B09T	100RT15S-4F1AB
M83513/04-B10A	100RL15S-4F1BB
M83513/04-B10C	100RC15S-4F1BB

MIL SPEC	ACC PN
M83513/04-B10K	100RK15S-4F1BB
M83513/04-B10N	100RN15S-4F1BB
M83513/04-B10P	104R15S-4F1BB
M83513/04-B10T	100RT15S-4F1BB
M83513/04-B11A	100RL15S-4F5AB
M83513/04-B11C	100RC15S-4F5AB
M83513/04-B11K	100RK15S-4F5AB
M83513/04-B11N	100RN15S-4F5AB
M83513/04-B11P	104R15S-4F5AB
M83513/04-B11T	100RT15S-4F5AB
M83513/04-B12A	100RL15S-4F5BB
M83513/04-B12C	100RC15S-4F5BB
M83513/04-B12K	100RK15S-4F5BB
M83513/04-B12N	100RN15S-4F5BB
M83513/04-B12P	104R15S-4F5BB
M83513/04-B12T	100RT15S-4F5BB
M83513/04-B13A	100RL15S-4E1CB
M83513/04-B13C	100RC15S-4E1CB
M83513/04-B13K	100RK15S-4E1CB
M83513/04-B13N	100RN15S-4E1CB
M83513/04-B13P	104R15S-4E1CB
M83513/04-B13T	100RT15S-4E1CB
M83513/04-B14A	100RL15S-4E6CB
M83513/04-B14C	100RC15S-4E6CB
M83513/04-B14K	100RK15S-4E6CB
M83513/04-B14N	100RN15S-4E6CB
M83513/04-B14P	104R15S-4E6CB
M83513/04-B14T	100RT15S-4E6CB
M83513/04-B15A	100RL15S-4F1CB
M83513/04-B15C	100RC15S-4F1CB
M83513/04-B15K	100RK15S-4F1CB
M83513/04-B15N	100RN15S-4F1CB
M83513/04-B15P	104R15S-4F1CB
M83513/04-B15T	100RT15S-4F1CB
M83513/04-B16A	100RL15S-4F5CB
M83513/04-B16C	100RC15S-4F5CB
M83513/04-B16K	100RK15S-4F5CB
M83513/04-B16N	100RN15S-4F5CB
M83513/04-B16P	104R15S-4F5CB
M83513/04-B16T	100RT15S-4F5CB
M83513/04-C01A	100RL21S-4E1AB
M83513/04-C01C	100RC21S-4E1AB
M83513/04-C01K	100RK21S-4E1AB
M83513/04-C01N	100RN21S-4E1AB
M83513/04-C01P	104R21S-4E1AB
M83513/04-C01T	100RT21S-4E1AB
M83513/04-C02A	100RL21S-4E1BB
M83513/04-C02C	100RC21S-4E1BB
M83513/04-C02K	100RK21S-4E1BB
M83513/04-C02N	100RN21S-4E1BB
M83513/04-C02P	104R21S-4E1BB
M83513/04-C02T	100RT21S-4E1BB

MIL SPEC	ACC PN
M83513/04-C03A	100RL21S-4E6AB
M83513/04-C03C	100RC21S-4E6AB
M83513/04-C03K	100RK21S-4E6AB
M83513/04-C03N	100RN21S-4E6AB
M83513/04-C03P	104R21S-4E6AB
M83513/04-C03T	100RT21S-4E6AB
M83513/04-C04A	100RL21S-4E6BB
M83513/04-C04C	100RC21S-4E6BB
M83513/04-C04K	100RK21S-4E6BB
M83513/04-C04N	100RN21S-4E6BB
M83513/04-C04P	104R21S-4E6BB
M83513/04-C04T	100RT21S-4E6BB
M83513/04-C05C	100RC21S-5L4DB
M83513/04-C05K	100RK21S-5L4DB
M83513/04-C05N	100RN21S-5L4DB
M83513/04-C05T	100RT21S-5L4DB
M83513/04-C06C	100RC21S-5L4EB
M83513/04-C06K	100RK21S-5L4EB
M83513/04-C06N	100RN21S-5L4EB
M83513/04-C06T	100RT21S-5L4EB
M83513/04-C07C	100RC21S-5L3DB
M83513/04-C07K	100RK21S-5L3DB
M83513/04-C07N	100RN21S-5L3DB
M83513/04-C07T	100RT21S-5L3DB
M83513/04-C08C	100RC21S-5L3EB
M83513/04-C08K	100RK21S-5L3EB
M83513/04-C08N	100RN21S-5L3EB
M83513/04-C08T	100RT21S-5L3EB
M83513/04-C09A	100RL21S-4F1AB
M83513/04-C09C	100RC21S-4F1AB
M83513/04-C09K	100RK21S-4F1AB
M83513/04-C09N	100RN21S-4F1AB
M83513/04-C09P	104R21S-4F1AB
M83513/04-C09T	100RT21S-4F1AB
M83513/04-C10A	100RL21S-4F1BB
M83513/04-C10C	100RC21S-4F1BB
M83513/04-C10K	100RK21S-4F1BB
M83513/04-C10N	100RN21S-4F1BB
M83513/04-C10P	104R21S-4F1BB
M83513/04-C10T	100RT21S-4F1BB
M83513/04-C11A	100RL21S-4F5AB
M83513/04-C11C	100RC21S-4F5AB
M83513/04-C11K	100RK21S-4F5AB
M83513/04-C11N	100RN21S-4F5AB
M83513/04-C11P	104R21S-4F5AB
M83513/04-C11T	100RT21S-4F5AB
M83513/04-C12A	100RL21S-4F5BB
M83513/04-C12C	100RC21S-4F5BB
M83513/04-C12K	100RK21S-4F5BB
M83513/04-C12N	100RN21S-4F5BB
M83513/04-C12P	104R21S-4F5BB
M83513/04-C12T	100RT21S-4F5BB

MIL SPEC	ACC PN
M83513/04-C13A	100RL21S-4E1CB
M83513/04-C13C	100RC21S-4E1CB
M83513/04-C13K	100RK21S-4E1CB
M83513/04-C13N	100RN21S-4E1CB
M83513/04-C13P	104R21S-4E1CB
M83513/04-C13T	100RT21S-4E1CB
M83513/04-C14A	100RL21S-4E6CB
M83513/04-C14C	100RC21S-4E6CB
M83513/04-C14K	100RK21S-4E6CB
M83513/04-C14N	100RN21S-4E6CB
M83513/04-C14P	104R21S-4E6CB
M83513/04-C14T	100RT21S-4E6CB
M83513/04-C15A	100RL21S-4F1CB
M83513/04-C15C	100RC21S-4F1CB
M83513/04-C15K	100RK21S-4F1CB
M83513/04-C15N	100RN21S-4F1CB
M83513/04-C15P	104R21S-4F1CB
M83513/04-C15T	100RT21S-4F1CB
M83513/04-C16A	100RL21S-4F5CB
M83513/04-C16C	100RC21S-4F5CB
M83513/04-C16K	100RK21S-4F5CB
M83513/04-C16N	100RN21S-4F5CB
M83513/04-C16P	104R21S-4F5CB
M83513/04-C16T	100RT21S-4F5CB
M83513/04-D01A	100RL25S-4E1AB
M83513/04-D01C	100RC25S-4E1AB
M83513/04-D01K	100RK25S-4E1AB
M83513/04-D01N	100RN25S-4E1AB
M83513/04-D01P	104R25S-4E1AB
M83513/04-D01T	100RT25S-4E1AB
M83513/04-D02A	100RL25S-4E1BB
M83513/04-D02C	100RC25S-4E1BB
M83513/04-D02K	100RK25S-4E1BB
M83513/04-D02N	100RN25S-4E1BB
M83513/04-D02P	104R25S-4E1BB
M83513/04-D02T	100RT25S-4E1BB
M83513/04-D03A	100RL25S-4E6AB
M83513/04-D03C	100RC25S-4E6AB
M83513/04-D03K	100RK25S-4E6AB
M83513/04-D03N	100RN25S-4E6AB
M83513/04-D03P	104R25S-4E6AB
M83513/04-D03T	100RT25S-4E6AB
M83513/04-D04A	100RL25S-4E6BB
M83513/04-D04C	100RC25S-4E6BB
M83513/04-D04K	100RK25S-4E6BB
M83513/04-D04N	100RN25S-4E6BB
M83513/04-D04P	104R25S-4E6BB
M83513/04-D04T	100RT25S-4E6BB
M83513/04-D05C	100RC25S-5L4DB
M83513/04-D05K	100RK25S-5L4DB
M83513/04-D05N	100RN25S-5L4DB
M83513/04-D05T	100RT25S-5L4DB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/04-D06C	100RC25S-5L4EB
M83513/04-D06K	100RK25S-5L4EB
M83513/04-D06N	100RN25S-5L4EB
M83513/04-D06T	100RT25S-5L4EB
M83513/04-D07C	100RC25S-5L3DB
M83513/04-D07K	100RK25S-5L3DB
M83513/04-D07N	100RN25S-5L3DB
M83513/04-D07T	100RT25S-5L3DB
M83513/04-D08C	100RC25S-5L3EB
M83513/04-D08K	100RK25S-5L3EB
M83513/04-D08N	100RN25S-5L3EB
M83513/04-D08T	100RT25S-5L3EB
M83513/04-D09A	100RL25S-4F1AB
M83513/04-D09C	100RC25S-4F1AB
M83513/04-D09K	100RK25S-4F1AB
M83513/04-D09N	100RN25S-4F1AB
M83513/04-D09P	104R25S-4F1AB
M83513/04-D09T	100RT25S-4F1AB
M83513/04-D10A	100RL25S-4F1BB
M83513/04-D10C	100RC25S-4F1BB
M83513/04-D10K	100RK25S-4F1BB
M83513/04-D10N	100RN25S-4F1BB
M83513/04-D10P	104R25S-4F1BB
M83513/04-D10T	100RT25S-4F1BB
M83513/04-D11A	100RL25S-4F5AB
M83513/04-D11C	100RC25S-4F5AB
M83513/04-D11K	100RK25S-4F5AB
M83513/04-D11N	100RN25S-4F5AB
M83513/04-D11P	104R25S-4F5AB
M83513/04-D11T	100RT25S-4F5AB
M83513/04-D12A	100RL25S-4F5BB
M83513/04-D12C	100RC25S-4F5BB
M83513/04-D12K	100RK25S-4F5BB
M83513/04-D12N	100RN25S-4F5BB
M83513/04-D12P	104R25S-4F5BB
M83513/04-D12T	100RT25S-4F5BB
M83513/04-D13A	100RL25S-4E1CB
M83513/04-D13C	100RC25S-4E1CB
M83513/04-D13K	100RK25S-4E1CB
M83513/04-D13N	100RN25S-4E1CB
M83513/04-D13P	104R25S-4E1CB
M83513/04-D13T	100RT25S-4E1CB
M83513/04-D14A	100RL25S-4E6CB
M83513/04-D14C	100RC25S-4E6CB
M83513/04-D14K	100RK25S-4E6CB
M83513/04-D14N	100RN25S-4E6CB
M83513/04-D14P	104R25S-4E6CB
M83513/04-D14T	100RT25S-4E6CB
M83513/04-D15A	100RL25S-4F1CB
M83513/04-D15C	100RC25S-4F1CB
M83513/04-D15K	100RK25S-4F1CB
M83513/04-D15N	100RN25S-4F1CB

MIL SPEC	ACC PN
M83513/04-D15P	104R25S-4F1CB
M83513/04-D15T	100RT25S-4F1CB
M83513/04-D16A	100RL25S-4F5CB
M83513/04-D16C	100RC25S-4F5CB
M83513/04-D16K	100RK25S-4F5CB
M83513/04-D16N	100RN25S-4F5CB
M83513/04-D16P	104R25S-4F5CB
M83513/04-D16T	100RT25S-4F5CB
M83513/04-E01A	100RL31S-4E1AB
M83513/04-E01C	100RC31S-4E1AB
M83513/04-E01K	100RK31S-4E1AB
M83513/04-E01N	100RN31S-4E1AB
M83513/04-E01P	104R31S-4E1AB
M83513/04-E01T	100RT31S-4E1AB
M83513/04-E02A	100RL31S-4E1BB
M83513/04-E02C	100RC31S-4E1BB
M83513/04-E02K	100RK31S-4E1BB
M83513/04-E02N	100RN31S-4E1BB
M83513/04-E02P	104R31S-4E1BB
M83513/04-E02T	100RT31S-4E1BB
M83513/04-E03A	100RL31S-4E6AB
M83513/04-E03C	100RC31S-4E6AB
M83513/04-E03K	100RK31S-4E6AB
M83513/04-E03N	100RN31S-4E6AB
M83513/04-E03P	104R31S-4E6AB
M83513/04-E03T	100RT31S-4E6AB
M83513/04-E04A	100RL31S-4E6BB
M83513/04-E04C	100RC31S-4E6BB
M83513/04-E04K	100RK31S-4E6BB
M83513/04-E04N	100RN31S-4E6BB
M83513/04-E04P	104R31S-4E6BB
M83513/04-E04T	100RT31S-4E6BB
M83513/04-E05C	100RC31S-5L4DB
M83513/04-E05K	100RK31S-5L4DB
M83513/04-E05N	100RN31S-5L4DB
M83513/04-E05T	100RT31S-5L4DB
M83513/04-E06C	100RC31S-5L4EB
M83513/04-E06K	100RK31S-5L4EB
M83513/04-E06N	100RN31S-5L4EB
M83513/04-E06T	100RT31S-5L4EB
M83513/04-E07C	100RC31S-5L3DB
M83513/04-E07K	100RK31S-5L3DB
M83513/04-E07N	100RN31S-5L3DB
M83513/04-E07T	100RT31S-5L3DB
M83513/04-E08C	100RC31S-5L3EB
M83513/04-E08K	100RK31S-5L3EB
M83513/04-E08N	100RN31S-5L3EB
M83513/04-E08T	100RT31S-5L3EB
M83513/04-E09A	100RL31S-4F1AB
M83513/04-E09C	100RC31S-4F1AB
M83513/04-E09K	100RK31S-4F1AB
M83513/04-E09N	100RN31S-4F1AB

MIL SPEC	ACC PN
M83513/04-E09P	104R31S-4F1AB
M83513/04-E09T	100RT31S-4F1AB
M83513/04-E10A	100RL31S-4F1BB
M83513/04-E10C	100RC31S-4F1BB
M83513/04-E10K	100RK31S-4F1BB
M83513/04-E10N	100RN31S-4F1BB
M83513/04-E10P	104R31S-4F1BB
M83513/04-E10T	100RT31S-4F1BB
M83513/04-E11A	100RL31S-4F5AB
M83513/04-E11C	100RC31S-4F5AB
M83513/04-E11K	100RK31S-4F5AB
M83513/04-E11N	100RN31S-4F5AB
M83513/04-E11P	104R31S-4F5AB
M83513/04-E11T	100RT31S-4F5AB
M83513/04-E12A	100RL31S-4F5BB
M83513/04-E12C	100RC31S-4F5BB
M83513/04-E12K	100RK31S-4F5BB
M83513/04-E12N	100RN31S-4F5BB
M83513/04-E12P	104R31S-4F5BB
M83513/04-E12T	100RT31S-4F5BB
M83513/04-E13A	100RL31S-4E1CB
M83513/04-E13C	100RC31S-4E1CB
M83513/04-E13K	100RK31S-4E1CB
M83513/04-E13N	100RN31S-4E1CB
M83513/04-E13P	104R31S-4E1CB
M83513/04-E13T	100RT31S-4E1CB
M83513/04-E14A	100RL31S-4E6CB
M83513/04-E14C	100RC31S-4E6CB
M83513/04-E14K	100RK31S-4E6CB
M83513/04-E14N	100RN31S-4E6CB
M83513/04-E14P	104R31S-4E6CB
M83513/04-E14T	100RT31S-4E6CB
M83513/04-E15A	100RL31S-4F1CB
M83513/04-E15C	100RC31S-4F1CB
M83513/04-E15K	100RK31S-4F1CB
M83513/04-E15N	100RN31S-4F1CB
M83513/04-E15P	104R31S-4F1CB
M83513/04-E15T	100RT31S-4F1CB
M83513/04-E16A	100RL31S-4F5CB
M83513/04-E16C	100RC31S-4F5CB
M83513/04-E16K	100RK31S-4F5CB
M83513/04-E16N	100RN31S-4F5CB
M83513/04-E16P	104R31S-4F5CB
M83513/04-E16T	100RT31S-4F5CB
M83513/04-F01A	100RL37S-4E1AB
M83513/04-F01C	100RC37S-4E1AB
M83513/04-F01K	100RK37S-4E1AB
M83513/04-F01N	100RN37S-4E1AB
M83513/04-F01P	104R37S-4E1AB
M83513/04-F01T	100RT37S-4E1AB
M83513/04-F02A	100RL37S-4E1BB
M83513/04-F02C	100RC37S-4E1BB

MIL SPEC	ACC PN
M83513/04-F02K	100RK37S-4E1BB
M83513/04-F02N	100RN37S-4E1BB
M83513/04-F02P	104R37S-4E1BB
M83513/04-F02T	100RT37S-4E1BB
M83513/04-F03A	100RL37S-4E6AB
M83513/04-F03C	100RC37S-4E6AB
M83513/04-F03K	100RK37S-4E6AB
M83513/04-F03N	100RN37S-4E6AB
M83513/04-F03P	104R37S-4E6AB
M83513/04-F03T	100RT37S-4E6AB
M83513/04-F04A	100RL37S-4E6BB
M83513/04-F04C	100RC37S-4E6BB
M83513/04-F04K	100RK37S-4E6BB
M83513/04-F04N	100RN37S-4E6BB
M83513/04-F04P	104R37S-4E6BB
M83513/04-F04T	100RT37S-4E6BB
M83513/04-F05C	100RC37S-5L4DB
M83513/04-F05K	100RK37S-5L4DB
M83513/04-F05N	100RN37S-5L4DB
M83513/04-F05T	100RT37S-5L4DB
M83513/04-F06C	100RC37S-5L4EB
M83513/04-F06K	100RK37S-5L4EB
M83513/04-F06N	100RN37S-5L4EB
M83513/04-F06T	100RT37S-5L4EB
M83513/04-F07C	100RC37S-5L3DB
M83513/04-F07K	100RK37S-5L3DB
M83513/04-F07N	100RN37S-5L3DB
M83513/04-F07T	100RT37S-5L3DB
M83513/04-F08C	100RC37S-5L3EB
M83513/04-F08K	100RK37S-5L3EB
M83513/04-F08N	100RN37S-5L3EB
M83513/04-F08T	100RT37S-5L3EB
M83513/04-F09A	100RL37S-4F1AB
M83513/04-F09C	100RC37S-4F1AB
M83513/04-F09K	100RK37S-4F1AB
M83513/04-F09N	100RN37S-4F1AB
M83513/04-F09P	104R37S-4F1AB
M83513/04-F09T	100RT37S-4F1AB
M83513/04-F10A	100RL37S-4F1BB
M83513/04-F10C	100RC37S-4F1BB
M83513/04-F10K	100RK37S-4F1BB
M83513/04-F10N	100RN37S-4F1BB
M83513/04-F10P	104R37S-4F1BB
M83513/04-F10T	100RT37S-4F1BB
M83513/04-F11A	100RL37S-4F5AB
M83513/04-F11C	100RC37S-4F5AB
M83513/04-F11K	100RK37S-4F5AB
M83513/04-F11N	100RN37S-4F5AB
M83513/04-F11P	104R37S-4F5AB
M83513/04-F11T	100RT37S-4F5AB
M83513/04-F12A	100RL37S-4F5BB
M83513/04-F12C	100RC37S-4F5BB

MIL SPEC	ACC PN
M83513/04-F12K	100RK37S-4F5BB
M83513/04-F12N	100RN37S-4F5BB
M83513/04-F12P	104R37S-4F5BB
M83513/04-F12T	100RT37S-4F5BB
M83513/04-F13A	100RL37S-4E1CB
M83513/04-F13C	100RC37S-4E1CB
M83513/04-F13K	100RK37S-4E1CB
M83513/04-F13N	100RN37S-4E1CB
M83513/04-F13P	104R37S-4E1CB
M83513/04-F13T	100RT37S-4E1CB
M83513/04-F14A	100RL37S-4E6CB
M83513/04-F14C	100RC37S-4E6CB
M83513/04-F14K	100RK37S-4E6CB
M83513/04-F14N	100RN37S-4E6CB
M83513/04-F14P	104R37S-4E6CB
M83513/04-F14T	100RT37S-4E6CB
M83513/04-F15A	100RL37S-4F1CB
M83513/04-F15C	100RC37S-4F1CB
M83513/04-F15K	100RK37S-4F1CB
M83513/04-F15N	100RN37S-4F1CB
M83513/04-F15P	104R37S-4F1CB
M83513/04-F15T	100RT37S-4F1CB
M83513/04-F16A	100RL37S-4F5CB
M83513/04-F16C	100RC37S-4F5CB
M83513/04-F16K	100RK37S-4F5CB
M83513/04-F16N	100RN37S-4F5CB
M83513/04-F16P	104R37S-4F5CB
M83513/04-F16T	100RT37S-4F5CB
M83513/04-G01A	100RL51S-4E1AB
M83513/04-G01C	100RC51S-4E1AB
M83513/04-G01K	100RK51S-4E1AB
M83513/04-G01N	100RN51S-4E1AB
M83513/04-G01P	104R51S-4E1AB
M83513/04-G01T	100RT51S-4E1AB
M83513/04-G02A	100RL51S-4E1BB
M83513/04-G02C	100RC51S-4E1BB
M83513/04-G02K	100RK51S-4E1BB
M83513/04-G02N	100RN51S-4E1BB
M83513/04-G02P	104R51S-4E1BB
M83513/04-G02T	100RT51S-4E1BB
M83513/04-G03A	100RL51S-4E6AB
M83513/04-G03C	100RC51S-4E6AB
M83513/04-G03K	100RK51S-4E6AB
M83513/04-G03N	100RN51S-4E6AB
M83513/04-G03P	104R51S-4E6AB
M83513/04-G03T	100RT51S-4E6AB
M83513/04-G04A	100RL51S-4E6BB
M83513/04-G04C	100RC51S-4E6BB
M83513/04-G04K	100RK51S-4E6BB
M83513/04-G04N	100RN51S-4E6BB
M83513/04-G04P	104R51S-4E6BB
M83513/04-G04T	100RT51S-4E6BB

MIL SPEC	ACC PN
M83513/04-G05C	100RC51S-5L4DB
M83513/04-G05K	100RK51S-5L4DB
M83513/04-G05N	100RN51S-5L4DB
M83513/04-G05T	100RT51S-5L4DB
M83513/04-G06C	100RC51S-5L4EB
M83513/04-G06K	100RK51S-5L4EB
M83513/04-G06N	100RN51S-5L4EB
M83513/04-G06T	100RT51S-5L4EB
M83513/04-G07C	100RC51S-5L3DB
M83513/04-G07K	100RK51S-5L3DB
M83513/04-G07N	100RN51S-5L3DB
M83513/04-G07T	100RT51S-5L3DB
M83513/04-G08C	100RC51S-5L3EB
M83513/04-G08K	100RK51S-5L3EB
M83513/04-G08N	100RN51S-5L3EB
M83513/04-G08T	100RT51S-5L3EB
M83513/04-G09A	100RL51S-4F1AB
M83513/04-G09C	100RC51S-4F1AB
M83513/04-G09K	100RK51S-4F1AB
M83513/04-G09N	100RN51S-4F1AB
M83513/04-G09P	104R51S-4F1AB
M83513/04-G09T	100RT51S-4F1AB
M83513/04-G10A	100RL51S-4F1BB
M83513/04-G10C	100RC51S-4F1BB
M83513/04-G10K	100RK51S-4F1BB
M83513/04-G10N	100RN51S-4F1BB
M83513/04-G10P	104R51S-4F1BB
M83513/04-G10T	100RT51S-4F1BB
M83513/04-G11A	100RL51S-4F5AB
M83513/04-G11C	100RC51S-4F5AB
M83513/04-G11K	100RK51S-4F5AB
M83513/04-G11N	100RN51S-4F5AB
M83513/04-G11P	104R51S-4F5AB
M83513/04-G11T	100RT51S-4F5AB
M83513/04-G12A	100RL51S-4F5BB
M83513/04-G12C	100RC51S-4F5BB
M83513/04-G12K	100RK51S-4F5BB
M83513/04-G12N	100RN51S-4F5BB
M83513/04-G12P	104R51S-4F5BB
M83513/04-G12T	100RT51S-4F5BB
M83513/04-G13A	100RL51S-4E1CB
M83513/04-G13C	100RC51S-4E1CB
M83513/04-G13K	100RK51S-4E1CB
M83513/04-G13N	100RN51S-4E1CB
M83513/04-G13P	104R51S-4E1CB
M83513/04-G13T	100RT51S-4E1CB
M83513/04-G14A	100RL51S-4E6CB
M83513/04-G14C	100RC51S-4E6CB
M83513/04-G14K	100RK51S-4E6CB
M83513/04-G14N	100RN51S-4E6CB
M83513/04-G14P	104R51S-4E6CB
M83513/04-G14T	100RT51S-4E6CB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/04-G15A	100RL51S-4F1CB
M83513/04-G15C	100RC51S-4F1CB
M83513/04-G15K	100RK51S-4F1CB
M83513/04-G15N	100RN51S-4F1CB
M83513/04-G15P	104R51S-4F1CB
M83513/04-G15T	100RT51S-4F1CB
M83513/04-G16A	100RL51S-4F5CB
M83513/04-G16C	100RC51S-4F5CB
M83513/04-G16K	100RK51S-4F5CB
M83513/04-G16N	100RN51S-4F5CB
M83513/04-G16P	104R51S-4F5CB
M83513/04-G16T	100RT51S-4F5CB
M83513/04-H01A	100RL100S-4E1AB
M83513/04-H01C	100RC100S-4E1AB
M83513/04-H01K	100RK100S-4E1AB
M83513/04-H01N	100RN100S-4E1AB
M83513/04-H01P	104R100S-4E1AB
M83513/04-H01T	100RT100S-4E1AB
M83513/04-H02A	100RL100S-4E1BB
M83513/04-H02C	100RC100S-4E1BB
M83513/04-H02K	100RK100S-4E1BB
M83513/04-H02N	100RN100S-4E1BB
M83513/04-H02P	104R100S-4E1BB
M83513/04-H02T	100RT100S-4E1BB
M83513/04-H03A	100RL100S-4E6AB
M83513/04-H03C	100RC100S-4E6AB
M83513/04-H03K	100RK100S-4E6AB
M83513/04-H03N	100RN100S-4E6AB
M83513/04-H03P	104R100S-4E6AB
M83513/04-H03T	100RT100S-4E6AB
M83513/04-H04A	100RL100S-4E6BB
M83513/04-H04C	100RC100S-4E6BB
M83513/04-H04K	100RK100S-4E6BB
M83513/04-H04N	100RN100S-4E6BB
M83513/04-H04P	104R100S-4E6BB
M83513/04-H04T	100RT100S-4E6BB
M83513/04-H05C	100RC100S-5L4DB
M83513/04-H05K	100RK100S-5L4DB
M83513/04-H05N	100RN100S-5L4DB
M83513/04-H05T	100RT100S-5L4DB
M83513/04-H06C	100RC100S-5L4EB
M83513/04-H06K	100RK100S-5L4EB
M83513/04-H06N	100RN100S-5L4EB
M83513/04-H06T	100RT100S-5L4EB
M83513/04-H07C	100RC100S-5L3DB
M83513/04-H07K	100RK100S-5L3DB
M83513/04-H07N	100RN100S-5L3DB
M83513/04-H07T	100RT100S-5L3DB
M83513/04-H08C	100RC100S-5L3EB
M83513/04-H08K	100RK100S-5L3EB
M83513/04-H08N	100RN100S-5L3EB
M83513/04-H08T	100RT100S-5L3EB

MIL SPEC	ACC PN
M83513/04-H09A	100RL100S-4F1AB
M83513/04-H09C	100RC100S-4F1AB
M83513/04-H09K	100RK100S-4F1AB
M83513/04-H09N	100RN100S-4F1AB
M83513/04-H09P	104R100S-4F1AB
M83513/04-H09T	100RT100S-4F1AB
M83513/04-H10A	100RL100S-4F1BB
M83513/04-H10C	100RC100S-4F1BB
M83513/04-H10K	100RK100S-4F1BB
M83513/04-H10N	100RN100S-4F1BB
M83513/04-H10P	104R100S-4F1BB
M83513/04-H10T	100RT100S-4F1BB
M83513/04-H11A	100RL100S-4F5AB
M83513/04-H11C	100RC100S-4F5AB
M83513/04-H11K	100RK100S-4F5AB
M83513/04-H11N	100RN100S-4F5AB
M83513/04-H11P	104R100S-4F5AB
M83513/04-H11T	100RT100S-4F5AB
M83513/04-H12A	100RL100S-4F5BB
M83513/04-H12C	100RC100S-4F5BB
M83513/04-H12K	100RK100S-4F5BB
M83513/04-H12N	100RN100S-4F5BB
M83513/04-H12P	104R100S-4F5BB
M83513/04-H12T	100RT100S-4F5BB
M83513/04-H13A	100RL100S-4E1CB
M83513/04-H13C	100RC100S-4E1CB
M83513/04-H13K	100RK100S-4E1CB
M83513/04-H13N	100RN100S-4E1CB
M83513/04-H13P	104R100S-4E1CB
M83513/04-H13T	100RT100S-4E1CB
M83513/04-H14A	100RL100S-4E6CB
M83513/04-H14C	100RC100S-4E6CB
M83513/04-H14K	100RK100S-4E6CB
M83513/04-H14N	100RN100S-4E6CB
M83513/04-H14P	104R100S-4E6CB
M83513/04-H14T	100RT100S-4E6CB
M83513/04-H15A	100RL100S-4F1CB
M83513/04-H15C	100RC100S-4F1CB
M83513/04-H15K	100RK100S-4F1CB
M83513/04-H15N	100RN100S-4F1CB
M83513/04-H15P	104R100S-4F1CB
M83513/04-H15T	100RT100S-4F1CB
M83513/04-H16A	100RL100S-4F5CB
M83513/04-H16C	100RC100S-4F5CB
M83513/04-H16K	100RK100S-4F5CB
M83513/04-H16N	100RN100S-4F5CB
M83513/04-H16P	104R100S-4F5CB
M83513/04-H16T	100RT100S-4F5CB
M83513/05-02	HM05-02
M83513/05-03	HM05-03
M83513/05-05	HM05-05
M83513/05-06	HM05-06

MIL SPEC	ACC PN
M83513/05-07	HM05-07
M83513/05-12	HM05-12
M83513/05-13	HM05-13
M83513/05-15	HM05-15
M83513/05-16	HM05-16
M83513/05-17	HM05-17
M83513/06-A	101R09P-B
M83513/06-B	101R15P-B
M83513/06-C	101R21P-B
M83513/06-D	101R25P-B
M83513/06-E	101R31P-B
M83513/06-F	101R37P-B
M83513/06-G	101R51P-B
M83513/06-H	101R100P-B
M83513/07-A	101R09S-B
M83513/07-B	101R15S-B
M83513/07-C	101R21S-B
M83513/07-D	101R25S-B
M83513/07-E	101R31S-B
M83513/07-F	101R37S-B
M83513/07-G	101R51S-B
M83513/07-H	101R100S-B
M83513/08-A01	101R09P-4E1AB
M83513/08-A02	101R09P-4E1BB
M83513/08-A03	101R09P-4E6AB
M83513/08-A04	101R09P-4E6BB
M83513/08-A05	101R09P-5L4DB
M83513/08-A06	101R09P-5L4EB
M83513/08-A07	101R09P-5L3DB
M83513/08-A08	101R09P-5L3EB
M83513/08-A09	101R09P-4F1AB
M83513/08-A10	101R09P-4F1BB
M83513/08-A11	101R09P-4F5AB
M83513/08-A12	101R09P-4F5BB
M83513/08-A13	101R09P-4E1CB
M83513/08-A14	101R09P-4E6CB
M83513/08-A15	101R09P-4F1CB
M83513/08-A16	101R09P-4F5CB
M83513/08-B01	101R15P-4E1AB
M83513/08-B02	101R15P-4E1BB
M83513/08-B03	101R15P-4E6AB
M83513/08-B04	101R15P-4E6BB
M83513/08-B05	101R15P-5L4DB
M83513/08-B06	101R15P-5L4EB
M83513/08-B07	101R15P-5L3DB
M83513/08-B08	101R15P-5L3EB
M83513/08-B09	101R15P-4F1AB
M83513/08-B10	101R15P-4F1BB
M83513/08-B11	101R15P-4F5AB
M83513/08-B12	101R15P-4F5BB
M83513/08-B13	101R15P-4E1CB
M83513/08-B14	101R15P-4E6CB

MIL SPEC	ACC PN
M83513/08-B15	101R15P-4F1CB
M83513/08-B16	101R15P-4F5CB
M83513/08-C01	101R21P-4E1AB
M83513/08-C02	101R21P-4E1BB
M83513/08-C03	101R21P-4E6AB
M83513/08-C04	101R21P-4E6BB
M83513/08-C05	101R21P-5L4DB
M83513/08-C06	101R21P-5L4EB
M83513/08-C07	101R21P-5L3DB
M83513/08-C08	101R21P-5L3EB
M83513/08-C09	101R21P-4F1AB
M83513/08-C10	101R21P-4F1BB
M83513/08-C11	101R21P-4F5AB
M83513/08-C12	101R21P-4F5BB
M83513/08-C13	101R21P-4E1CB
M83513/08-C14	101R21P-4E6CB
M83513/08-C15	101R21P-4F1CB
M83513/08-C16	101R21P-4F5CB
M83513/08-D01	101R25P-4E1AB
M83513/08-D02	101R25P-4E1BB
M83513/08-D03	101R25P-4E6AB
M83513/08-D04	101R25P-4E6BB
M83513/08-D05	101R25P-5L4DB
M83513/08-D06	101R25P-5L4EB
M83513/08-D07	101R25P-5L3DB
M83513/08-D08	101R25P-5L3EB
M83513/08-D09	101R25P-4F1AB
M83513/08-D10	101R25P-4F1BB
M83513/08-D11	101R25P-4F5AB
M83513/08-D12	101R25P-4F5BB
M83513/08-D13	101R25P-4E1CB
M83513/08-D14	101R25P-4E6CB
M83513/08-D15	101R25P-4F1CB
M83513/08-D16	101R25P-4F5CB
M83513/08-E01	101R31P-4E1AB
M83513/08-E02	101R31P-4E1BB
M83513/08-E03	101R31P-4E6AB
M83513/08-E04	101R31P-4E6BB
M83513/08-E05	101R31P-5L4DB
M83513/08-E06	101R31P-5L4EB
M83513/08-E07	101R31P-5L3DB
M83513/08-E08	101R31P-5L3EB
M83513/08-E09	101R31P-4F1AB
M83513/08-E10	101R31P-4F1BB
M83513/08-E11	101R31P-4F5AB
M83513/08-E12	101R31P-4F5BB
M83513/08-E13	101R31P-4E1CB
M83513/08-E14	101R31P-4E6CB
M83513/08-E15	101R31P-4F1CB
M83513/08-E16	101R31P-4F5CB
M83513/08-F01	101R37P-4E1AB
M83513/08-F02	101R37P-4E1BB

MIL SPEC	ACC PN
M83513/08-F03	101R37P-4E6AB
M83513/08-F04	101R37P-4E6BB
M83513/08-F05	101R37P-5L4DB
M83513/08-F06	101R37P-5L4EB
M83513/08-F07	101R37P-5L3DB
M83513/08-F08	101R37P-5L3EB
M83513/08-F09	101R37P-4F1AB
M83513/08-F10	101R37P-4F1BB
M83513/08-F11	101R37P-4F5AB
M83513/08-F12	101R37P-4F5BB
M83513/08-F13	101R37P-4E1CB
M83513/08-F14	101R37P-4E6CB
M83513/08-F15	101R37P-4F1CB
M83513/08-F16	101R37P-4F5CB
M83513/08-G01	101R51P-4E1AB
M83513/08-G02	101R51P-4E1BB
M83513/08-G03	101R51P-4E6AB
M83513/08-G04	101R51P-4E6BB
M83513/08-G05	101R51P-5L4DB
M83513/08-G06	101R51P-5L4EB
M83513/08-G07	101R51P-5L3DB
M83513/08-G08	101R51P-5L3EB
M83513/08-G09	101R51P-4F1AB
M83513/08-G10	101R51P-4F1BB
M83513/08-G11	101R51P-4F5AB
M83513/08-G12	101R51P-4F5BB
M83513/08-G13	101R51P-4E1CB
M83513/08-G14	101R51P-4E6CB
M83513/08-G15	101R51P-4F1CB
M83513/08-G16	101R51P-4F5CB
M83513/08-H01	101R100P-4E1AB
M83513/08-H02	101R100P-4E1BB
M83513/08-H03	101R100P-4E6AB
M83513/08-H04	101R100P-4E6BB
M83513/08-H09	101R100P-4F1AB
M83513/08-H10	101R100P-4F1BB
M83513/08-H11	101R100P-4F5AB
M83513/08-H12	101R100P-4F5BB
M83513/08-H13	101R100P-4E1CB
M83513/08-H14	101R100P-4E6CB
M83513/08-H15	101R100P-4F1CB
M83513/08-H16	101R100P-4F5CB
M83513/09-A01	101R09S-4E1AB
M83513/09-A02	101R09S-4E1BB
M83513/09-A03	101R09S-4E6AB
M83513/09-A04	101R09S-4E6BB
M83513/09-A05	101R09S-5L4DB
M83513/09-A06	101R09S-5L4EB
M83513/09-A07	101R09S-5L3DB
M83513/09-A08	101R09S-5L3EB
M83513/09-A09	101R09S-4F1AB
M83513/09-A10	101R09S-4F1BB

MIL SPEC	ACC PN
M83513/09-A11	101R09S-4F5AB
M83513/09-A12	101R09S-4F5BB
M83513/09-A13	101R09S-4E1CB
M83513/09-A14	101R09S-4E6CB
M83513/09-A15	101R09S-4F1CB
M83513/09-A16	101R09S-4F5CB
M83513/09-B01	101R15S-4E1AB
M83513/09-B02	101R15S-4E1BB
M83513/09-B03	101R15S-4E6AB
M83513/09-B04	101R15S-4E6BB
M83513/09-B05	101R15S-5L4DB
M83513/09-B06	101R15S-5L4EB
M83513/09-B07	101R15S-5L3DB
M83513/09-B08	101R15S-5L3EB
M83513/09-B09	101R15S-4F1AB
M83513/09-B10	101R15S-4F1BB
M83513/09-B11	101R15S-4F5AB
M83513/09-B12	101R15S-4F5BB
M83513/09-B13	101R15S-4E1CB
M83513/09-B14	101R15S-4E6CB
M83513/09-B15	101R15S-4F1CB
M83513/09-B16	101R15S-4F5CB
M83513/09-C01	101R21S-4E1AB
M83513/09-C02	101R21S-4E1BB
M83513/09-C03	101R21S-4E6AB
M83513/09-C04	101R21S-4E6BB
M83513/09-C05	101R21S-5L4DB
M83513/09-C06	101R21S-5L4EB
M83513/09-C07	101R21S-5L3DB
M83513/09-C08	101R21S-5L3EB
M83513/09-C09	101R21S-4F1AB
M83513/09-C10	101R21S-4F1BB
M83513/09-C11	101R21S-4F5AB
M83513/09-C12	101R21S-4F5BB
M83513/09-C13	101R21S-4E1CB
M83513/09-C14	101R21S-4E6CB
M83513/09-C15	101R21S-4F1CB
M83513/09-C16	101R21S-4F5CB
M83513/09-D01	101R25S-4E1AB
M83513/09-D02	101R25S-4E1BB
M83513/09-D03	101R25S-4E6AB
M83513/09-D04	101R25S-4E6BB
M83513/09-D05	101R25S-5L4DB
M83513/09-D06	101R25S-5L4EB
M83513/09-D07	101R25S-5L3DB
M83513/09-D08	101R25S-5L3EB
M83513/09-D09	101R25S-4F1AB
M83513/09-D10	101R25S-4F1BB
M83513/09-D11	101R25S-4F5AB
M83513/09-D12	101R25S-4F5BB
M83513/09-D13	101R25S-4E1CB
M83513/09-D14	101R25S-4E6CB

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/09-D15	101R25S-4F1CB
M83513/09-D16	101R25S-4F5CB
M83513/09-E01	101R31S-4E1AB
M83513/09-E02	101R31S-4E1BB
M83513/09-E03	101R31S-4E6AB
M83513/09-E04	101R31S-4E6BB
M83513/09-E05	101R31S-5L4DB
M83513/09-E06	101R31S-5L4EB
M83513/09-E07	101R31S-5L3DB
M83513/09-E08	101R31S-5L3EB
M83513/09-E09	101R31S-4F1AB
M83513/09-E10	101R31S-4F1BB
M83513/09-E11	101R31S-4F5AB
M83513/09-E12	101R31S-4F5BB
M83513/09-E13	101R31S-4E1CB
M83513/09-E14	101R31S-4E6CB
M83513/09-E15	101R31S-4F1CB
M83513/09-E16	101R31S-4F5CB
M83513/09-F01	101R37S-4E1AB
M83513/09-F02	101R37S-4E1BB
M83513/09-F03	101R37S-4E6AB
M83513/09-F04	101R37S-4E6BB
M83513/09-F05	101R37S-5L4DB
M83513/09-F06	101R37S-5L4EB
M83513/09-F07	101R37S-5L3DB
M83513/09-F08	101R37S-5L3EB
M83513/09-F09	101R37S-4F1AB
M83513/09-F10	101R37S-4F1BB
M83513/09-F11	101R37S-4F5AB
M83513/09-F12	101R37S-4F5BB
M83513/09-F13	101R37S-4E1CB
M83513/09-F14	101R37S-4E6CB
M83513/09-F15	101R37S-4F1CB
M83513/09-F16	101R37S-4F5CB
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M83513/09-G03	101R51S-4E6AB
M83513/09-G04	101R51S-4E6BB
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M83513/09-G06	101R51S-5L4EB
M83513/09-G07	101R51S-5L3DB
M83513/09-G08	101R51S-5L3EB
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M83513/09-G10	101R51S-4F1BB
M83513/09-G11	101R51S-4F5AB
M83513/09-G12	101R51S-4F5BB
M83513/09-G13	101R51S-4E1CB
M83513/09-G14	101R51S-4E6CB
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M83513/09-G16	101R51S-4F5CB
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M83513/09-H02	101R100S-4E1BB
M83513/09-H03	101R100S-4E6AB
M83513/09-H04	101R100S-4E6BB
M83513/09-H09	101R100S-4F1AB
M83513/09-H10	101R100S-4F1BB
M83513/09-H11	101R100S-4F5AB
M83513/09-H12	101R100S-4F5BB
M83513/09-H13	101R100S-4E1CB
M83513/09-H14	101R100S-4E6CB
M83513/09-H15	101R100S-4F1CB
M83513/09-H16	101R100S-4F5CB
M83513/10-A01AP	100RL09P-CBRP1
M83513/10-A01AN	100RL09P-CBR1
M83513/10-A01AT	100RL09P-CBRT1
M83513/10-A01AW	100RL09P-CBRPT1
M83513/10-A01CN	100RC09P-CBR1
M83513/10-A01CP	100RC09P-CBRP1
M83513/10-A01CT	100RC09P-CBRT1
M83513/10-A01CW	100RC09P-CBRPT1
M83513/10-A01KN	100RK09P-CBR1
M83513/10-A01KP	100RK09P-CBRP1
M83513/10-A01KT	100RK09P-CBRT1
M83513/10-A01KW	100RK09P-CBRPT1
M83513/10-A01NN	100RN09P-CBR1
M83513/10-A01NP	100RN09P-CBRP1
M83513/10-A01NT	100RN09P-CBRT1
M83513/10-A01NW	100RN09P-CBRPT1
M83513/10-A01PN	104R09P-CBR1
M83513/10-A01PP	104R09P-CBRP1
M83513/10-A01PT	104R09P-CBRT1
M83513/10-A01PW	104R09P-CBRPT1
M83513/10-A01TP	100RT09P-CBRP1
M83513/10-A01TN	100RT09P-CBR1
M83513/10-A01TT	100RT09P-CBRT1
M83513/10-A01TW	100RT09P-CBRPT1
M83513/10-A02AP	100RL09P-CBRP2
M83513/10-A02AN	100RL09P-CBR2
M83513/10-A02AT	100RL09P-CBRT2
M83513/10-A02AW	100RL09P-CBRPT2
M83513/10-A02CN	100RC09P-CBR2
M83513/10-A02CP	100RC09P-CBRP2
M83513/10-A02CT	100RC09P-CBRT2
M83513/10-A02CW	100RC09P-CBRPT2
M83513/10-A02KN	100RK09P-CBR2
M83513/10-A02KP	100RK09P-CBRP2
M83513/10-A02KT	100RK09P-CBRT2
M83513/10-A02KW	100RK09P-CBRPT2
M83513/10-A02NN	100RN09P-CBR2
M83513/10-A02NP	100RN09P-CBRP2
M83513/10-A02NT	100RN09P-CBRT2
M83513/10-A02NW	100RN09P-CBRPT2
M83513/10-A02PN	104R09P-CBR2
M83513/10-A02PP	104R09P-CBRP2
M83513/10-A02PT	104R09P-CBRT2
M83513/10-A02PW	104R09P-CBRPT2
M83513/10-A02TP	100RT09P-CBRP2
M83513/10-A02TN	100RT09P-CBR2
M83513/10-A02TT	100RT09P-CBRT2
M83513/10-A02TW	100RT09P-CBRPT2
M83513/10-A03AP	100RL09P-CBRP3
M83513/10-A03AN	100RL09P-CBR3
M83513/10-A03AT	100RL09P-CBRT3
M83513/10-A03AW	100RL09P-CBRPT3
M83513/10-A03CN	100RC09P-CBR3
M83513/10-A03CP	100RC09P-CBRP3
M83513/10-A03CT	100RC09P-CBRT3
M83513/10-A03CW	100RC09P-CBRPT3
M83513/10-A03KN	100RK09P-CBR3
M83513/10-A03KP	100RK09P-CBRP3
M83513/10-A03KT	100RK09P-CBRT3
M83513/10-A03KW	100RK09P-CBRPT3
M83513/10-A03NN	100RN09P-CBR3
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M83513/10-A03NW	100RN09P-CBRPT3
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M83513/10-A03PP	104R09P-CBRP3
M83513/10-A03PT	104R09P-CBRT3
M83513/10-A03PW	104R09P-CBRPT3
M83513/10-A03TP	100RT09P-CBRP3
M83513/10-A03TN	100RT09P-CBR3
M83513/10-A03TT	100RT09P-CBRT3
M83513/10-A03TW	100RT09P-CBRPT3
M83513/10-B01AP	100RL15P-CBRP1
M83513/10-B01AN	100RL15P-CBR1
M83513/10-B01AT	100RL15P-CBRT1
M83513/10-B01AW	100RL15P-CBRPT1
M83513/10-B01CN	100RC15P-CBR1
M83513/10-B01CP	100RC15P-CBRP1
M83513/10-B01CT	100RC15P-CBRT1
M83513/10-B01CW	100RC15P-CBRPT1
M83513/10-B01KN	100RK15P-CBR1
M83513/10-B01KP	100RK15P-CBRP1
M83513/10-B01KT	100RK15P-CBRT1
M83513/10-B01KW	100RK15P-CBRPT1
M83513/10-B01NN	100RN15P-CBR1
M83513/10-B01NP	100RN15P-CBRP1
M83513/10-B01NT	100RN15P-CBRT1
M83513/10-B01NW	100RN15P-CBRPT1
M83513/10-B01PN	104R15P-CBR1
M83513/10-B01PP	104R15P-CBRP1
M83513/10-B01PT	104R15P-CBRT1
M83513/10-B01PW	104R15P-CBRPT1
M83513/10-B01TP	100RT15P-CBRP1
M83513/10-B01TN	100RT15P-CBR1

MIL SPEC	ACC PN
M83513/10-B01TT	100RT15P-CBRT1
M83513/10-B01TW	100RT15P-CBRPT1
M83513/10-B02AP	100RL15P-CBRP2
M83513/10-B02AN	100RL15P-CBR2
M83513/10-B02AT	100RL15P-CBRT2
M83513/10-B02AW	100RL15P-CBRPT2
M83513/10-B02CN	100RC15P-CBR2
M83513/10-B02CP	100RC15P-CBRP2
M83513/10-B02CT	100RC15P-CBRT2
M83513/10-B02CW	100RC15P-CBRPT2
M83513/10-B02KN	100RK15P-CBR2
M83513/10-B02KP	100RK15P-CBRP2
M83513/10-B02KT	100RK15P-CBRT2
M83513/10-B02KW	100RK15P-CBRPT2
M83513/10-B02NN	100RN15P-CBR2
M83513/10-B02NP	100RN15P-CBRP2
M83513/10-B02NT	100RN15P-CBRT2
M83513/10-B02NW	100RN15P-CBRPT2
M83513/10-B02PN	104R15P-CBR2
M83513/10-B02PP	104R15P-CBRP2
M83513/10-B02PT	104R15P-CBRT2
M83513/10-B02PW	104R15P-CBRPT2
M83513/10-B02TP	100RT15P-CBRP2
M83513/10-B02TN	100RT15P-CBR2
M83513/10-B02TT	100RT15P-CBRT2
M83513/10-B02TW	100RT15P-CBRPT2
M83513/10-B03AP	100RL15P-CBRP3
M83513/10-B03AN	100RL15P-CBR3
M83513/10-B03AT	100RL15P-CBRT3
M83513/10-B03AW	100RL15P-CBRPT3
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M83513/10-B03CP	100RC15P-CBRP3
M83513/10-B03CT	100RC15P-CBRT3
M83513/10-B03CW	100RC15P-CBRPT3
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M83513/10-B03KP	100RK15P-CBRP3
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M83513/10-B03KW	100RK15P-CBRPT3
M83513/10-B03NN	100RN15P-CBR3
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M83513/10-B03NW	100RN15P-CBRPT3
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M83513/10-B03PP	104R15P-CBRP3
M83513/10-B03PT	104R15P-CBRT3
M83513/10-B03PW	104R15P-CBRPT3
M83513/10-B03TP	100RT15P-CBRP3
M83513/10-B03TN	100RT15P-CBR3
M83513/10-B03TT	100RT15P-CBRT3
M83513/10-B03TW	100RT15P-CBRPT3
M83513/10-C01AP	100RL21P-CBRP1
M83513/10-C01AN	100RL21P-CBR1

MIL SPEC	ACC PN
M83513/10-C01AT	100RL21P-CBRT1
M83513/10-C01AW	100RL21P-CBRPT1
M83513/10-C01CN	100RC21P-CBR1
M83513/10-C01CP	100RC21P-CBRP1
M83513/10-C01CT	100RC21P-CBRT1
M83513/10-C01CW	100RC21P-CBRPT1
M83513/10-C01KN	100RK21P-CBR1
M83513/10-C01KP	100RK21P-CBRP1
M83513/10-C01KT	100RK21P-CBRT1
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M83513/10-C01TN	100RT21P-CBR1
M83513/10-C01TT	100RT21P-CBRT1
M83513/10-C01TW	100RT21P-CBRPT1
M83513/10-C02AP	100RL21P-CBRP2
M83513/10-C02AN	100RL21P-CBR2
M83513/10-C02AT	100RL21P-CBRT2
M83513/10-C02AW	100RL21P-CBRPT2
M83513/10-C02CN	100RC21P-CBR2
M83513/10-C02CP	100RC21P-CBRP2
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M83513/10-C02CW	100RC21P-CBRPT2
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M83513/10-C02TP	100RT21P-CBRP2
M83513/10-C02TN	100RT21P-CBR2
M83513/10-C02TT	100RT21P-CBRT2
M83513/10-C02TW	100RT21P-CBRPT2
M83513/10-C03AP	100RL21P-CBRP3
M83513/10-C03AN	100RL21P-CBR3
M83513/10-C03AT	100RL21P-CBRT3
M83513/10-C03AW	100RL21P-CBRPT3
M83513/10-C03CN	100RC21P-CBR3
M83513/10-C03CP	100RC21P-CBRP3

MIL SPEC	ACC PN
M83513/10-C03CT	100RC21P-CBRT3
M83513/10-C03CW	100RC21P-CBRPT3
M83513/10-C03KN	100RK21P-CBR3
M83513/10-C03KP	100RK21P-CBRP3
M83513/10-C03KT	100RK21P-CBRT3
M83513/10-C03KW	100RK21P-CBRPT3
M83513/10-C03NN	100RN21P-CBR3
M83513/10-C03NP	100RN21P-CBRP3
M83513/10-C03NT	100RN21P-CBRT3
M83513/10-C03NW	100RN21P-CBRPT3
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M83513/10-C03TN	100RT21P-CBR3
M83513/10-C03TT	100RT21P-CBRT3
M83513/10-C03TW	100RT21P-CBRPT3
M83513/10-D01AP	100RL25P-CBRP1
M83513/10-D01AN	100RL25P-CBR1
M83513/10-D01AT	100RL25P-CBRT1
M83513/10-D01AW	100RL25P-CBRPT1
M83513/10-D01CN	100RC25P-CBR1
M83513/10-D01CP	100RC25P-CBRP1
M83513/10-D01CT	100RC25P-CBRT1
M83513/10-D01CW	100RC25P-CBRPT1
M83513/10-D01KN	100RK25P-CBR1
M83513/10-D01KP	100RK25P-CBRP1
M83513/10-D01KT	100RK25P-CBRT1
M83513/10-D01KW	100RK25P-CBRPT1
M83513/10-D01NN	100RN25P-CBR1
M83513/10-D01NP	100RN25P-CBRP1
M83513/10-D01NT	100RN25P-CBRT1
M83513/10-D01NW	100RN25P-CBRPT1
M83513/10-D01PN	104R25P-CBR1
M83513/10-D01PP	104R25P-CBRP1
M83513/10-D01PT	104R25P-CBRT1
M83513/10-D01PW	104R25P-CBRPT1
M83513/10-D01TP	100RT25P-CBRP1
M83513/10-D01TN	100RT25P-CBR1
M83513/10-D01TT	100RT25P-CBRT1
M83513/10-D01TW	100RT25P-CBRPT1
M83513/10-D02AP	100RL25P-CBRP2
M83513/10-D02AN	100RL25P-CBR2
M83513/10-D02AT	100RL25P-CBRT2
M83513/10-D02AW	100RL25P-CBRPT2
M83513/10-D02CN	100RC25P-CBR2
M83513/10-D02CP	100RC25P-CBRP2
M83513/10-D02CT	100RC25P-CBRT2
M83513/10-D02CW	100RC25P-CBRPT2
M83513/10-D02KN	100RK25P-CBR2
M83513/10-D02KP	100RK25P-CBRP2

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/10-D02KT	100RK25P-CBRT2
M83513/10-D02KW	100RK25P-CBRPT2
M83513/10-D02NN	100RN25P-CBR2
M83513/10-D02NP	100RN25P-CBRP2
M83513/10-D02NT	100RN25P-CBRT2
M83513/10-D02NW	100RN25P-CBRPT2
M83513/10-D02PN	104R25P-CBR2
M83513/10-D02PP	104R25P-CBRP2
M83513/10-D02PT	104R25P-CBRT2
M83513/10-D02PW	104R25P-CBRPT2
M83513/10-D02TP	100RT25P-CBRP2
M83513/10-D02TN	100RT25P-CBR2
M83513/10-D02TT	100RT25P-CBRT2
M83513/10-D02TW	100RT25P-CBRPT2
M83513/10-D03AP	100RL25P-CBRP3
M83513/10-D03AN	100RL25P-CBR3
M83513/10-D03AT	100RL25P-CBRT3
M83513/10-D03AW	100RL25P-CBRPT3
M83513/10-D03CN	100RC25P-CBR3
M83513/10-D03CP	100RC25P-CBRP3
M83513/10-D03CT	100RC25P-CBRT3
M83513/10-D03CW	100RC25P-CBRPT3
M83513/10-D03KN	100RK25P-CBR3
M83513/10-D03KP	100RK25P-CBRP3
M83513/10-D03KT	100RK25P-CBRT3
M83513/10-D03KW	100RK25P-CBRPT3
M83513/10-D03NN	100RN25P-CBR3
M83513/10-D03NP	100RN25P-CBRP3
M83513/10-D03NT	100RN25P-CBRT3
M83513/10-D03NW	100RN25P-CBRPT3
M83513/10-D03PN	104R25P-CBR3
M83513/10-D03PP	104R25P-CBRP3
M83513/10-D03PT	104R25P-CBRT3
M83513/10-D03PW	104R25P-CBRPT3
M83513/10-D03TP	100RT25P-CBRP3
M83513/10-D03TN	100RT25P-CBR3
M83513/10-D03TT	100RT25P-CBRT3
M83513/10-D03TW	100RT25P-CBRPT3
M83513/10-E01AP	100RL31P-CBRP1
M83513/10-E01AN	100RL31P-CBR1
M83513/10-E01AT	100RL31P-CBRT1
M83513/10-E01AW	100RL31P-CBRPT1
M83513/10-E01CN	100RC31P-CBR1
M83513/10-E01CP	100RC31P-CBRP1
M83513/10-E01CT	100RC31P-CBRT1
M83513/10-E01CW	100RC31P-CBRPT1
M83513/10-E01KN	100RK31P-CBR1
M83513/10-E01KP	100RK31P-CBRP1
M83513/10-E01KT	100RK31P-CBRT1
M83513/10-E01KW	100RK31P-CBRPT1
M83513/10-E01NN	100RN31P-CBR1
M83513/10-E01NP	100RN31P-CBRP1

MIL SPEC	ACC PN
M83513/10-E01NT	100RN31P-CBRT1
M83513/10-E01NW	100RN31P-CBRPT1
M83513/10-E01PN	104R31P-CBR1
M83513/10-E01PP	104R31P-CBRP1
M83513/10-E01PT	104R31P-CBRT1
M83513/10-E01PW	104R31P-CBRPT1
M83513/10-E01TP	100RT31P-CBRP1
M83513/10-E01TN	100RT31P-CBR1
M83513/10-E01TT	100RT31P-CBRT1
M83513/10-E01TW	100RT31P-CBRPT1
M83513/10-E02AP	100RL31P-CBRP2
M83513/10-E02AN	100RL31P-CBR2
M83513/10-E02AT	100RL31P-CBRT2
M83513/10-E02AW	100RL31P-CBRPT2
M83513/10-E02CN	100RC31P-CBR2
M83513/10-E02CP	100RC31P-CBRP2
M83513/10-E02CT	100RC31P-CBRT2
M83513/10-E02CW	100RC31P-CBRPT2
M83513/10-E02KN	100RK31P-CBR2
M83513/10-E02KP	100RK31P-CBRP2
M83513/10-E02KT	100RK31P-CBRT2
M83513/10-E02KW	100RK31P-CBRPT2
M83513/10-E02NN	100RN31P-CBR2
M83513/10-E02NP	100RN31P-CBRP2
M83513/10-E02NT	100RN31P-CBRT2
M83513/10-E02NW	100RN31P-CBRPT2
M83513/10-E02PN	104R31P-CBR2
M83513/10-E02PP	104R31P-CBRP2
M83513/10-E02PT	104R31P-CBRT2
M83513/10-E02PW	104R31P-CBRPT2
M83513/10-E02TP	100RT31P-CBRP2
M83513/10-E02TN	100RT31P-CBR2
M83513/10-E02TT	100RT31P-CBRT2
M83513/10-E02TW	100RT31P-CBRPT2
M83513/10-E03AP	100RL31P-CBRP3
M83513/10-E03AN	100RL31P-CBR3
M83513/10-E03AT	100RL31P-CBRT3
M83513/10-E03AW	100RL31P-CBRPT3
M83513/10-E03CN	100RC31P-CBR3
M83513/10-E03CP	100RC31P-CBRP3
M83513/10-E03CT	100RC31P-CBRT3
M83513/10-E03CW	100RC31P-CBRPT3
M83513/10-E03KN	100RK31P-CBR3
M83513/10-E03KP	100RK31P-CBRP3
M83513/10-E03KT	100RK31P-CBRT3
M83513/10-E03KW	100RK31P-CBRPT3
M83513/10-E03NN	100RN31P-CBR3
M83513/10-E03NP	100RN31P-CBRP3
M83513/10-E03NT	100RN31P-CBRT3
M83513/10-E03NW	100RN31P-CBRPT3
M83513/10-E03PN	104R31P-CBR3
M83513/10-E03PP	104R31P-CBRP3

MIL SPEC	ACC PN
M83513/10-E03PT	104R31P-CBRT3
M83513/10-E03PW	104R31P-CBRPT3
M83513/10-E03TP	100RT31P-CBRP3
M83513/10-E03TN	100RT31P-CBR3
M83513/10-E03TT	100RT31P-CBRT3
M83513/10-E03TW	100RT31P-CBRPT3
M83513/10-F01AP	100RL37P-CBRP1
M83513/10-F01AN	100RL37P-CBR1
M83513/10-F01AT	100RL37P-CBRT1
M83513/10-F01AW	100RL37P-CBRPT1
M83513/10-F01CN	100RC37P-CBR1
M83513/10-F01CP	100RC37P-CBRP1
M83513/10-F01CT	100RC37P-CBRT1
M83513/10-F01CW	100RC37P-CBRPT1
M83513/10-F01KN	100RK37P-CBR1
M83513/10-F01KP	100RK37P-CBRP1
M83513/10-F01KT	100RK37P-CBRT1
M83513/10-F01KW	100RK37P-CBRPT1
M83513/10-F01NN	100RN37P-CBR1
M83513/10-F01NP	100RN37P-CBRP1
M83513/10-F01NT	100RN37P-CBRT1
M83513/10-F01NW	100RN37P-CBRPT1
M83513/10-F01PN	104R37P-CBR1
M83513/10-F01PP	104R37P-CBRP1
M83513/10-F01PT	104R37P-CBRT1
M83513/10-F01PW	104R37P-CBRPT1
M83513/10-F01TP	100RT37P-CBRP1
M83513/10-F01TN	100RT37P-CBR1
M83513/10-F01TT	100RT37P-CBRT1
M83513/10-F01TW	100RT37P-CBRPT1
M83513/10-F02AP	100RL37P-CBRP2
M83513/10-F02AN	100RL37P-CBR2
M83513/10-F02AT	100RL37P-CBRT2
M83513/10-F02AW	100RL37P-CBRPT2
M83513/10-F02CN	100RC37P-CBR2
M83513/10-F02CP	100RC37P-CBRP2
M83513/10-F02CT	100RC37P-CBRT2
M83513/10-F02CW	100RC37P-CBRPT2
M83513/10-F02KN	100RK37P-CBR2
M83513/10-F02KP	100RK37P-CBRP2
M83513/10-F02KT	100RK37P-CBRT2
M83513/10-F02KW	100RK37P-CBRPT2
M83513/10-F02NN	100RN37P-CBR2
M83513/10-F02NP	100RN37P-CBRP2
M83513/10-F02NT	100RN37P-CBRT2
M83513/10-F02NW	100RN37P-CBRPT2
M83513/10-F02PN	104R37P-CBR2
M83513/10-F02PP	104R37P-CBRP2
M83513/10-F02PT	104R37P-CBRT2
M83513/10-F02PW	104R37P-CBRPT2
M83513/10-F02TP	100RT37P-CBRP2
M83513/10-F02TN	100RT37P-CBR2

MIL SPEC	ACC PN
M83513/10-F02TT	100RT37P-CBRT2
M83513/10-F02TW	100RT37P-CBRPT2
M83513/10-F03AP	100RL37P-CBRP3
M83513/10-F03AN	100RL37P-CBR3
M83513/10-F03AT	100RL37P-CBRT3
M83513/10-F03AW	100RL37P-CBRPT3
M83513/10-F03CN	100RC37P-CBR3
M83513/10-F03CP	100RC37P-CBRP3
M83513/10-F03CT	100RC37P-CBRT3
M83513/10-F03CW	100RC37P-CBRPT3
M83513/10-F03KN	100RK37P-CBR3
M83513/10-F03KP	100RK37P-CBRP3
M83513/10-F03KT	100RK37P-CBRT3
M83513/10-F03KW	100RK37P-CBRPT3
M83513/10-F03NN	100RN37P-CBR3
M83513/10-F03NP	100RN37P-CBRP3
M83513/10-F03NT	100RN37P-CBRT3
M83513/10-F03NW	100RN37P-CBRPT3
M83513/10-F03PN	104R37P-CBR3
M83513/10-F03PP	104R37P-CBRP3
M83513/10-F03PT	104R37P-CBRT3
M83513/10-F03PW	104R37P-CBRPT3
M83513/10-F03TP	100RT37P-CBRP3
M83513/10-F03TN	100RT37P-CBR3
M83513/10-F03TT	100RT37P-CBRT3
M83513/10-F03TW	100RT37P-CBRPT3
M83513/11-G01AP	100RL51P-CBRP1
M83513/11-G01AN	100RL51P-CBR1
M83513/11-G01AT	100RL51P-CBRT1
M83513/11-G01AW	100RL51P-CBRPT1
M83513/11-G01CN	100RC51P-CBR1
M83513/11-G01CP	100RC51P-CBRP1
M83513/11-G01CT	100RC51P-CBRT1
M83513/11-G01CW	100RC51P-CBRPT1
M83513/11-G01KN	100RK51P-CBR1
M83513/11-G01KP	100RK51P-CBRP1
M83513/11-G01KT	100RK51P-CBRT1
M83513/11-G01KW	100RK51P-CBRPT1
M83513/11-G01NN	100RN51P-CBR1
M83513/11-G01NP	100RN51P-CBRP1
M83513/11-G01NT	100RN51P-CBRT1
M83513/11-G01NW	100RN51P-CBRPT1
M83513/11-G01PN	104R51P-CBR1
M83513/11-G01PP	104R51P-CBRP1
M83513/11-G01PT	104R51P-CBRT1
M83513/11-G01PW	104R51P-CBRPT1
M83513/11-G01TP	100RT51P-CBRP1
M83513/11-G01TN	100RT51P-CBR1
M83513/11-G01TT	100RT51P-CBRT1
M83513/11-G01TW	100RT51P-CBRPT1
M83513/11-G02AP	100RL51P-CBRP2
M83513/11-G02AN	100RL51P-CBR2

MIL SPEC	ACC PN
M83513/11-G02AT	100RL51P-CBRT2
M83513/11-G02AW	100RL51P-CBRPT2
M83513/11-G02CN	100RC51P-CBR2
M83513/11-G02CP	100RC51P-CBRP2
M83513/11-G02CT	100RC51P-CBRT2
M83513/11-G02CW	100RC51P-CBRPT2
M83513/11-G02KN	100RK51P-CBR2
M83513/11-G02KP	100RK51P-CBRP2
M83513/11-G02KT	100RK51P-CBRT2
M83513/11-G02KW	100RK51P-CBRPT2
M83513/11-G02NN	100RN51P-CBR2
M83513/11-G02NP	100RN51P-CBRP2
M83513/11-G02NT	100RN51P-CBRT2
M83513/11-G02NW	100RN51P-CBRPT2
M83513/11-G02PN	104R51P-CBR2
M83513/11-G02PP	104R51P-CBRP2
M83513/11-G02PT	104R51P-CBRT2
M83513/11-G02PW	104R51P-CBRPT2
M83513/11-G02TP	100RT51P-CBRP2
M83513/11-G02TN	100RT51P-CBR2
M83513/11-G02TT	100RT51P-CBRT2
M83513/11-G02TW	100RT51P-CBRPT2
M83513/11-G03AP	100RL51P-CBRP3
M83513/11-G03AN	100RL51P-CBR3
M83513/11-G03AT	100RL51P-CBRT3
M83513/11-G03AW	100RL51P-CBRPT3
M83513/11-G03CN	100RC51P-CBR3
M83513/11-G03CP	100RC51P-CBRP3
M83513/11-G03CT	100RC51P-CBRT3
M83513/11-G03CW	100RC51P-CBRPT3
M83513/11-G03KN	100RK51P-CBR3
M83513/11-G03KP	100RK51P-CBRP3
M83513/11-G03KT	100RK51P-CBRT3
M83513/11-G03KW	100RK51P-CBRPT3
M83513/11-G03NN	100RN51P-CBR3
M83513/11-G03NP	100RN51P-CBRP3
M83513/11-G03NT	100RN51P-CBRT3
M83513/11-G03NW	100RN51P-CBRPT3
M83513/11-G03PN	104R51P-CBR3
M83513/11-G03PP	104R51P-CBRP3
M83513/11-G03PT	104R51P-CBRT3
M83513/11-G03PW	104R51P-CBRPT3
M83513/11-G03TP	100RT51P-CBRP3
M83513/11-G03TN	100RT51P-CBR3
M83513/11-G03TT	100RT51P-CBRT3
M83513/11-G03TW	100RT51P-CBRPT3
M83513/12-H01AP	100RL100P-CBRP1
M83513/12-H01AN	100RL100P-CBR1
M83513/12-H01AU	100RL100P-CBRU1
M83513/12-H01AY	100RL100P-CBRPU1
M83513/12-H01CN	100RC100P-CBR1
M83513/12-H01CP	100RC100P-CBRP1

MIL SPEC	ACC PN
M83513/12-H01CU	100RC100P-CBRU1
M83513/12-H01CY	100RC100P-CBRPU1
M83513/12-H01KN	100RK100P-CBR1
M83513/12-H01KP	100RK100P-CBRP1
M83513/12-H01KU	100RK100P-CBRU1
M83513/12-H01KY	100RK100P-CBRPU1
M83513/12-H01NN	100RN100P-CBR1
M83513/12-H01NP	100RN100P-CBRP1
M83513/12-H01NU	100RN100P-CBRU1
M83513/12-H01NY	100RN100P-CBRPU1
M83513/12-H01PN	104R100P-CBR1
M83513/12-H01PP	104R100P-CBRP1
M83513/12-H01PU	104R100P-CBRU1
M83513/12-H01PY	104R100P-CBRPU1
M83513/12-H01TP	100RT100P-CBRP1
M83513/12-H01TN	100RT100P-CBR1
M83513/12-H01TU	100RT100P-CBRU1
M83513/12-H01TY	100RT100P-CBRPU1
M83513/12-H02AP	100RL100P-CBRP2
M83513/12-H02AN	100RL100P-CBR2
M83513/12-H02AU	100RL100P-CBRU2
M83513/12-H02AY	100RL100P-CBRPU2
M83513/12-H02CN	100RC100P-CBR2
M83513/12-H02CP	100RC100P-CBRP2
M83513/12-H02CU	100RC100P-CBRU2
M83513/12-H02CY	100RC100P-CBRPU2
M83513/12-H02KN	100RK100P-CBR2
M83513/12-H02KP	100RK100P-CBRP2
M83513/12-H02KU	100RK100P-CBRU2
M83513/12-H02KY	100RK100P-CBRPU2
M83513/12-H02NN	100RN100P-CBR2
M83513/12-H02NP	100RN100P-CBRP2
M83513/12-H02NU	100RN100P-CBRU2
M83513/12-H02NY	100RN100P-CBRPU2
M83513/12-H02PN	104R100P-CBR2
M83513/12-H02PP	104R100P-CBRP2
M83513/12-H02PU	104R100P-CBRU2
M83513/12-H02PY	104R100P-CBRPU2
M83513/12-H02TP	100RT100P-CBRP2
M83513/12-H02TN	100RT100P-CBR2
M83513/12-H02TU	100RT100P-CBRU2
M83513/12-H02TY	100RT100P-CBRPU2
M83513/12-H03AP	100RL100P-CBRP3
M83513/12-H03AN	100RL100P-CBR3
M83513/12-H03AU	100RL100P-CBRU3
M83513/12-H03AY	100RL100P-CBRPU3
M83513/12-H03CN	100RC100P-CBR3
M83513/12-H03CP	100RC100P-CBRP3
M83513/12-H03CU	100RC100P-CBRU3
M83513/12-H03CY	100RC100P-CBRPU3
M83513/12-H03KN	100RK100P-CBR3
M83513/12-H03KP	100RK100P-CBRP3

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/12-H03KU	100RK100P-CBRU3
M83513/12-H03KY	100RK100P-CBRPU3
M83513/12-H03NN	100RN100P-CBR3
M83513/12-H03NP	100RN100P-CBRP3
M83513/12-H03NU	100RN100P-CBRU3
M83513/12-H03NY	100RN100P-CBRPU3
M83513/12-H03PN	104R100P-CBR3
M83513/12-H03PP	104R100P-CBRP3
M83513/12-H03PU	104R100P-CBRU3
M83513/12-H03PY	104R100P-CBRPU3
M83513/12-H03TP	100RT100P-CBRP3
M83513/12-H03TN	100RT100P-CBR3
M83513/12-H03TU	100RT100P-CBRU3
M83513/12-H03TY	100RT100P-CBRPU3
M83513/13-A01AP	100RL09S-CBRP1
M83513/13-A01AN	100RL09S-CBR1
M83513/13-A01AT	100RL09S-CBRT1
M83513/13-A01AW	100RL09S-CBRPT1
M83513/13-A01CN	100RC09S-CBR1
M83513/13-A01CP	100RC09S-CBRP1
M83513/13-A01CT	100RC09S-CBRT1
M83513/13-A01CW	100RC09S-CBRPT1
M83513/13-A01KN	100RK09S-CBR1
M83513/13-A01KP	100RK09S-CBRP1
M83513/13-A01KT	100RK09S-CBRT1
M83513/13-A01KW	100RK09S-CBRPT1
M83513/13-A01NN	100RN09S-CBR1
M83513/13-A01NP	100RN09S-CBRP1
M83513/13-A01NT	100RN09S-CBRT1
M83513/13-A01NW	100RN09S-CBRPT1
M83513/13-A01PN	104R09S-CBR1
M83513/13-A01PP	104R09S-CBRP1
M83513/13-A01PT	104R09S-CBRT1
M83513/13-A01PW	104R09S-CBRPT1
M83513/13-A01TP	100RT09S-CBRP1
M83513/13-A01TN	100RT09S-CBR1
M83513/13-A01TT	100RT09S-CBRT1
M83513/13-A01TW	100RT09S-CBRPT1
M83513/13-A02AP	100RL09S-CBRP2
M83513/13-A02AN	100RL09S-CBR2
M83513/13-A02AT	100RL09S-CBRT2
M83513/13-A02AW	100RL09S-CBRPT2
M83513/13-A02CN	100RC09S-CBR2
M83513/13-A02CP	100RC09S-CBRP2
M83513/13-A02CT	100RC09S-CBRT2
M83513/13-A02CW	100RC09S-CBRPT2
M83513/13-A02KN	100RK09S-CBR2
M83513/13-A02KP	100RK09S-CBRP2
M83513/13-A02KT	100RK09S-CBRT2
M83513/13-A02KW	100RK09S-CBRPT2
M83513/13-A02NN	100RN09S-CBR2
M83513/13-A02NP	100RN09S-CBRP2

MIL SPEC	ACC PN
M83513/13-A02NT	100RN09S-CBRT2
M83513/13-A02NW	100RN09S-CBRPT2
M83513/13-A02PN	104R09S-CBR2
M83513/13-A02PP	104R09S-CBRP2
M83513/13-A02PT	104R09S-CBRT2
M83513/13-A02PW	104R09S-CBRPT2
M83513/13-A02TP	100RT09S-CBRP2
M83513/13-A02TN	100RT09S-CBR2
M83513/13-A02TT	100RT09S-CBRT2
M83513/13-A02TW	100RT09S-CBRPT2
M83513/13-A03AP	100RL09S-CBRP3
M83513/13-A03AN	100RL09S-CBR3
M83513/13-A03AT	100RL09S-CBRT3
M83513/13-A03AW	100RL09S-CBRPT3
M83513/13-A03CN	100RC09S-CBR3
M83513/13-A03CP	100RC09S-CBRP3
M83513/13-A03CT	100RC09S-CBRT3
M83513/13-A03CW	100RC09S-CBRPT3
M83513/13-A03KN	100RK09S-CBR3
M83513/13-A03KP	100RK09S-CBRP3
M83513/13-A03KT	100RK09S-CBRT3
M83513/13-A03KW	100RK09S-CBRPT3
M83513/13-A03NN	100RN09S-CBR3
M83513/13-A03NP	100RN09S-CBRP3
M83513/13-A03NT	100RN09S-CBRT3
M83513/13-A03NW	100RN09S-CBRPT3
M83513/13-A03PN	104R09S-CBR3
M83513/13-A03PP	104R09S-CBRP3
M83513/13-A03PT	104R09S-CBRT3
M83513/13-A03PW	104R09S-CBRPT3
M83513/13-A03TP	100RT09S-CBRP3
M83513/13-A03TN	100RT09S-CBR3
M83513/13-A03TT	100RT09S-CBRT3
M83513/13-A03TW	100RT09S-CBRPT3
M83513/13-B01AP	100RL15S-CBRP1
M83513/13-B01AN	100RL15S-CBR1
M83513/13-B01AT	100RL15S-CBRT1
M83513/13-B01AW	100RL15S-CBRPT1
M83513/13-B01CN	100RC15S-CBR1
M83513/13-B01CP	100RC15S-CBRP1
M83513/13-B01CT	100RC15S-CBRT1
M83513/13-B01CW	100RC15S-CBRPT1
M83513/13-B01KN	100RK15S-CBR1
M83513/13-B01KP	100RK15S-CBRP1
M83513/13-B01KT	100RK15S-CBRT1
M83513/13-B01KW	100RK15S-CBRPT1
M83513/13-B01NN	100RN15S-CBR1
M83513/13-B01NP	100RN15S-CBRP1
M83513/13-B01NT	100RN15S-CBRT1
M83513/13-B01NW	100RN15S-CBRPT1
M83513/13-B01PN	104R15S-CBR1
M83513/13-B01PP	104R15S-CBRP1

MIL SPEC	ACC PN
M83513/13-B01PT	104R15S-CBRT1
M83513/13-B01PW	104R15S-CBRPT1
M83513/13-B01TP	100RT15S-CBRP1
M83513/13-B01TN	100RT15S-CBR1
M83513/13-B01TT	100RT15S-CBRT1
M83513/13-B01TW	100RT15S-CBRPT1
M83513/13-B02AP	100RL15S-CBRP2
M83513/13-B02AN	100RL15S-CBR2
M83513/13-B02AT	100RL15S-CBRT2
M83513/13-B02AW	100RL15S-CBRPT2
M83513/13-B02CN	100RC15S-CBR2
M83513/13-B02CP	100RC15S-CBRP2
M83513/13-B02CT	100RC15S-CBRT2
M83513/13-B02CW	100RC15S-CBRPT2
M83513/13-B02KN	100RK15S-CBR2
M83513/13-B02KP	100RK15S-CBRP2
M83513/13-B02KT	100RK15S-CBRT2
M83513/13-B02KW	100RK15S-CBRPT2
M83513/13-B02NN	100RN15S-CBR2
M83513/13-B02NP	100RN15S-CBRP2
M83513/13-B02NT	100RN15S-CBRT2
M83513/13-B02NW	100RN15S-CBRPT2
M83513/13-B02PN	104R15S-CBR2
M83513/13-B02PP	104R15S-CBRP2
M83513/13-B02PT	104R15S-CBRT2
M83513/13-B02PW	104R15S-CBRPT2
M83513/13-B02TP	100RT15S-CBRP2
M83513/13-B02TN	100RT15S-CBR2
M83513/13-B02TT	100RT15S-CBRT2
M83513/13-B02TW	100RT15S-CBRPT2
M83513/13-B03AP	100RL15S-CBRP3
M83513/13-B03AN	100RL15S-CBR3
M83513/13-B03AT	100RL15S-CBRT3
M83513/13-B03AW	100RL15S-CBRPT3
M83513/13-B03CN	100RC15S-CBR3
M83513/13-B03CP	100RC15S-CBRP3
M83513/13-B03CT	100RC15S-CBRT3
M83513/13-B03CW	100RC15S-CBRPT3
M83513/13-B03KN	100RK15S-CBR3
M83513/13-B03KP	100RK15S-CBRP3
M83513/13-B03KT	100RK15S-CBRT3
M83513/13-B03KW	100RK15S-CBRPT3
M83513/13-B03NN	100RN15S-CBR3
M83513/13-B03NP	100RN15S-CBRP3
M83513/13-B03NT	100RN15S-CBRT3
M83513/13-B03NW	100RN15S-CBRPT3
M83513/13-B03PN	104R15S-CBR3
M83513/13-B03PP	104R15S-CBRP3
M83513/13-B03PT	104R15S-CBRT3
M83513/13-B03PW	104R15S-CBRPT3
M83513/13-B03TP	100RT15S-CBRP3
M83513/13-B03TN	100RT15S-CBR3

MIL SPEC	ACC PN
M83513/13-B03TT	100RT15S-CBRT3
M83513/13-B03TW	100RT15S-CBRPT3
M83513/13-C01AP	100RL21S-CBRP1
M83513/13-C01AN	100RL21S-CBR1
M83513/13-C01AT	100RL21S-CBRT1
M83513/13-C01AW	100RL21S-CBRPT1
M83513/13-C01CN	100RC21S-CBR1
M83513/13-C01CP	100RC21S-CBRP1
M83513/13-C01CT	100RC21S-CBRT1
M83513/13-C01CW	100RC21S-CBRPT1
M83513/13-C01KN	100RK21S-CBR1
M83513/13-C01KP	100RK21S-CBRP1
M83513/13-C01KT	100RK21S-CBRT1
M83513/13-C01KW	100RK21S-CBRPT1
M83513/13-C01NN	100RN21S-CBR1
M83513/13-C01NP	100RN21S-CBRP1
M83513/13-C01NT	100RN21S-CBRT1
M83513/13-C01NW	100RN21S-CBRPT1
M83513/13-C01PN	104R21S-CBR1
M83513/13-C01PP	104R21S-CBRP1
M83513/13-C01PT	104R21S-CBRT1
M83513/13-C01PW	104R21S-CBRPT1
M83513/13-C01TP	100RT21S-CBRP1
M83513/13-C01TN	100RT21S-CBR1
M83513/13-C01TT	100RT21S-CBRT1
M83513/13-C01TW	100RT21S-CBRPT1
M83513/13-C02AP	100RL21S-CBRP2
M83513/13-C02AN	100RL21S-CBR2
M83513/13-C02AT	100RL21S-CBRT2
M83513/13-C02AW	100RL21S-CBRPT2
M83513/13-C02CN	100RC21S-CBR2
M83513/13-C02CP	100RC21S-CBRP2
M83513/13-C02CT	100RC21S-CBRT2
M83513/13-C02CW	100RC21S-CBRPT2
M83513/13-C02KN	100RK21S-CBR2
M83513/13-C02KP	100RK21S-CBRP2
M83513/13-C02KT	100RK21S-CBRT2
M83513/13-C02KW	100RK21S-CBRPT2
M83513/13-C02NN	100RN21S-CBR2
M83513/13-C02NP	100RN21S-CBRP2
M83513/13-C02NT	100RN21S-CBRT2
M83513/13-C02NW	100RN21S-CBRPT2
M83513/13-C02PN	104R21S-CBR2
M83513/13-C02PP	104R21S-CBRP2
M83513/13-C02PT	104R21S-CBRT2
M83513/13-C02PW	104R21S-CBRPT2
M83513/13-C02TP	100RT21S-CBRP2
M83513/13-C02TN	100RT21S-CBR2
M83513/13-C02TT	100RT21S-CBRT2
M83513/13-C02TW	100RT21S-CBRPT2
M83513/13-C03AP	100RL21S-CBRP3
M83513/13-C03AN	100RL21S-CBR3

MIL SPEC	ACC PN
M83513/13-C03AT	100RL21S-CBRT3
M83513/13-C03AW	100RL21S-CBRPT3
M83513/13-C03CN	100RC21S-CBR3
M83513/13-C03CP	100RC21S-CBRP3
M83513/13-C03CT	100RC21S-CBRT3
M83513/13-C03CW	100RC21S-CBRPT3
M83513/13-C03KN	100RK21S-CBR3
M83513/13-C03KP	100RK21S-CBRP3
M83513/13-C03KT	100RK21S-CBRT3
M83513/13-C03KW	100RK21S-CBRPT3
M83513/13-C03NN	100RN21S-CBR3
M83513/13-C03NP	100RN21S-CBRP3
M83513/13-C03NT	100RN21S-CBRT3
M83513/13-C03NW	100RN21S-CBRPT3
M83513/13-C03PN	104R21S-CBR3
M83513/13-C03PP	104R21S-CBRP3
M83513/13-C03PT	104R21S-CBRT3
M83513/13-C03PW	104R21S-CBRPT3
M83513/13-C03TP	100RT21S-CBRP3
M83513/13-C03TN	100RT21S-CBR3
M83513/13-C03TT	100RT21S-CBRT3
M83513/13-C03TW	100RT21S-CBRPT3
M83513/13-D01AP	100RL25S-CBRP1
M83513/13-D01AN	100RL25S-CBR1
M83513/13-D01AT	100RL25S-CBRT1
M83513/13-D01AW	100RL25S-CBRPT1
M83513/13-D01CN	100RC25S-CBR1
M83513/13-D01CP	100RC25S-CBRP1
M83513/13-D01CT	100RC25S-CBRT1
M83513/13-D01CW	100RC25S-CBRPT1
M83513/13-D01KN	100RK25S-CBR1
M83513/13-D01KP	100RK25S-CBRP1
M83513/13-D01KT	100RK25S-CBRT1
M83513/13-D01KW	100RK25S-CBRPT1
M83513/13-D01NN	100RN25S-CBR1
M83513/13-D01NP	100RN25S-CBRP1
M83513/13-D01NT	100RN25S-CBRT1
M83513/13-D01NW	100RN25S-CBRPT1
M83513/13-D01PN	104R25S-CBR1
M83513/13-D01PP	104R25S-CBRP1
M83513/13-D01PT	104R25S-CBRT1
M83513/13-D01PW	104R25S-CBRPT1
M83513/13-D01TP	100RT25S-CBRP1
M83513/13-D01TN	100RT25S-CBR1
M83513/13-D01TT	100RT25S-CBRT1
M83513/13-D01TW	100RT25S-CBRPT1
M83513/13-D02AP	100RL25S-CBRP2
M83513/13-D02AN	100RL25S-CBR2
M83513/13-D02AT	100RL25S-CBRT2
M83513/13-D02AW	100RL25S-CBRPT2
M83513/13-D02CN	100RC25S-CBR2
M83513/13-D02CP	100RC25S-CBRP2

MIL SPEC	ACC PN
M83513/13-D02CT	100RC25S-CBRT2
M83513/13-D02CW	100RC25S-CBRPT2
M83513/13-D02KN	100RK25S-CBR2
M83513/13-D02KP	100RK25S-CBRP2
M83513/13-D02KT	100RK25S-CBRT2
M83513/13-D02KW	100RK25S-CBRPT2
M83513/13-D02NN	100RN25S-CBR2
M83513/13-D02NP	100RN25S-CBRP2
M83513/13-D02NT	100RN25S-CBRT2
M83513/13-D02NW	100RN25S-CBRPT2
M83513/13-D02PN	104R25S-CBR2
M83513/13-D02PP	104R25S-CBRP2
M83513/13-D02PT	104R25S-CBRT2
M83513/13-D02PW	104R25S-CBRPT2
M83513/13-D02TP	100RT25S-CBRP2
M83513/13-D02TN	100RT25S-CBR2
M83513/13-D02TT	100RT25S-CBRT2
M83513/13-D02TW	100RT25S-CBRPT2
M83513/13-D03AP	100RL25S-CBRP3
M83513/13-D03AN	100RL25S-CBR3
M83513/13-D03AT	100RL25S-CBRT3
M83513/13-D03AW	100RL25S-CBRPT3
M83513/13-D03CN	100RC25S-CBR3
M83513/13-D03CP	100RC25S-CBRP3
M83513/13-D03CT	100RC25S-CBRT3
M83513/13-D03CW	100RC25S-CBRPT3
M83513/13-D03KN	100RK25S-CBR3
M83513/13-D03KP	100RK25S-CBRP3
M83513/13-D03KT	100RK25S-CBRT3
M83513/13-D03KW	100RK25S-CBRPT3
M83513/13-D03NN	100RN25S-CBR3
M83513/13-D03NP	100RN25S-CBRP3
M83513/13-D03NT	100RN25S-CBRT3
M83513/13-D03NW	100RN25S-CBRPT3
M83513/13-D03PN	104R25S-CBR3
M83513/13-D03PP	104R25S-CBRP3
M83513/13-D03PT	104R25S-CBRT3
M83513/13-D03PW	104R25S-CBRPT3
M83513/13-D03TP	100RT25S-CBRP3
M83513/13-D03TN	100RT25S-CBR3
M83513/13-D03TT	100RT25S-CBRT3
M83513/13-D03TW	100RT25S-CBRPT3
M83513/13-E01AP	100RL31S-CBRP1
M83513/13-E01AN	100RL31S-CBR1
M83513/13-E01AT	100RL31S-CBRT1
M83513/13-E01AW	100RL31S-CBRPT1
M83513/13-E01CN	100RC31S-CBR1
M83513/13-E01CP	100RC31S-CBRP1
M83513/13-E01CT	100RC31S-CBRT1
M83513/13-E01CW	100RC31S-CBRPT1
M83513/13-E01KN	100RK31S-CBR1
M83513/13-E01KP	100RK31S-CBRP1

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/13-E01KT	100RK31S-CBRT1
M83513/13-E01KW	100RK31S-CBRPT1
M83513/13-E01NN	100RN31S-CBR1
M83513/13-E01NP	100RN31S-CBRP1
M83513/13-E01NT	100RN31S-CBRT1
M83513/13-E01NW	100RN31S-CBRPT1
M83513/13-E01PN	104R31S-CBR1
M83513/13-E01PP	104R31S-CBRP1
M83513/13-E01PT	104R31S-CBRT1
M83513/13-E01PW	104R31S-CBRPT1
M83513/13-E01TP	100RT31S-CBRP1
M83513/13-E01TN	100RT31S-CBR1
M83513/13-E01TT	100RT31S-CBRT1
M83513/13-E01TW	100RT31S-CBRPT1
M83513/13-E02AP	100RL31S-CBRP2
M83513/13-E02AN	100RL31S-CBR2
M83513/13-E02AT	100RL31S-CBRT2
M83513/13-E02AW	100RL31S-CBRPT2
M83513/13-E02CN	100RC31S-CBR2
M83513/13-E02CP	100RC31S-CBRP2
M83513/13-E02CT	100RC31S-CBRT2
M83513/13-E02CW	100RC31S-CBRPT2
M83513/13-E02KN	100RK31S-CBR2
M83513/13-E02KP	100RK31S-CBRP2
M83513/13-E02KT	100RK31S-CBRT2
M83513/13-E02KW	100RK31S-CBRPT2
M83513/13-E02NN	100RN31S-CBR2
M83513/13-E02NP	100RN31S-CBRP2
M83513/13-E02NT	100RN31S-CBRT2
M83513/13-E02NW	100RN31S-CBRPT2
M83513/13-E02PN	104R31S-CBR2
M83513/13-E02PP	104R31S-CBRP2
M83513/13-E02PT	104R31S-CBRT2
M83513/13-E02PW	104R31S-CBRPT2
M83513/13-E02TP	100RT31S-CBRP2
M83513/13-E02TN	100RT31S-CBR2
M83513/13-E02TT	100RT31S-CBRT2
M83513/13-E02TW	100RT31S-CBRPT2
M83513/13-E03AP	100RL31S-CBRP3
M83513/13-E03AN	100RL31S-CBR3
M83513/13-E03AT	100RL31S-CBRT3
M83513/13-E03AW	100RL31S-CBRPT3
M83513/13-E03CN	100RC31S-CBR3
M83513/13-E03CP	100RC31S-CBRP3
M83513/13-E03CT	100RC31S-CBRT3
M83513/13-E03CW	100RC31S-CBRPT3
M83513/13-E03KN	100RK31S-CBR3
M83513/13-E03KP	100RK31S-CBRP3
M83513/13-E03KT	100RK31S-CBRT3
M83513/13-E03KW	100RK31S-CBRPT3
M83513/13-E03NN	100RN31S-CBR3
M83513/13-E03NP	100RN31S-CBRP3

MIL SPEC	ACC PN
M83513/13-E03NT	100RN31S-CBRT3
M83513/13-E03NW	100RN31S-CBRPT3
M83513/13-E03PN	104R31S-CBR3
M83513/13-E03PP	104R31S-CBRP3
M83513/13-E03PT	104R31S-CBRT3
M83513/13-E03PW	104R31S-CBRPT3
M83513/13-E03TP	100RT31S-CBRP3
M83513/13-E03TN	100RT31S-CBR3
M83513/13-E03TT	100RT31S-CBRT3
M83513/13-E03TW	100RT31S-CBRPT3
M83513/13-F01AP	100RL37S-CBRP1
M83513/13-F01AN	100RL37S-CBR1
M83513/13-F01AT	100RL37S-CBRT1
M83513/13-F01AW	100RL37S-CBRPT1
M83513/13-F01CN	100RC37S-CBR1
M83513/13-F01CP	100RC37S-CBRP1
M83513/13-F01CT	100RC37S-CBRT1
M83513/13-F01CW	100RC37S-CBRPT1
M83513/13-F01KN	100RK37S-CBR1
M83513/13-F01KP	100RK37S-CBRP1
M83513/13-F01KT	100RK37S-CBRT1
M83513/13-F01KW	100RK37S-CBRPT1
M83513/13-F01NN	100RN37S-CBR1
M83513/13-F01NP	100RN37S-CBRP1
M83513/13-F01NT	100RN37S-CBRT1
M83513/13-F01NW	100RN37S-CBRPT1
M83513/13-F01PN	104R37S-CBR1
M83513/13-F01PP	104R37S-CBRP1
M83513/13-F01PT	104R37S-CBRT1
M83513/13-F01PW	104R37S-CBRPT1
M83513/13-F01TP	100RT37S-CBRP1
M83513/13-F01TN	100RT37S-CBR1
M83513/13-F01TT	100RT37S-CBRT1
M83513/13-F01TW	100RT37S-CBRPT1
M83513/13-F02AP	100RL37S-CBRP2
M83513/13-F02AN	100RL37S-CBR2
M83513/13-F02AT	100RL37S-CBRT2
M83513/13-F02AW	100RL37S-CBRPT2
M83513/13-F02CN	100RC37S-CBR2
M83513/13-F02CP	100RC37S-CBRP2
M83513/13-F02CT	100RC37S-CBRT2
M83513/13-F02CW	100RC37S-CBRPT2
M83513/13-F02KN	100RK37S-CBR2
M83513/13-F02KP	100RK37S-CBRP2
M83513/13-F02KT	100RK37S-CBRT2
M83513/13-F02KW	100RK37S-CBRPT2
M83513/13-F02NN	100RN37S-CBR2
M83513/13-F02NP	100RN37S-CBRP2
M83513/13-F02NT	100RN37S-CBRT2
M83513/13-F02NW	100RN37S-CBRPT2
M83513/13-F02PN	104R37S-CBR2
M83513/13-F02PP	104R37S-CBRP2

MIL SPEC	ACC PN
M83513/13-F02PT	104R37S-CBRT2
M83513/13-F02PW	104R37S-CBRPT2
M83513/13-F02TP	100RT37S-CBRP2
M83513/13-F02TN	100RT37S-CBR2
M83513/13-F02TT	100RT37S-CBRT2
M83513/13-F02TW	100RT37S-CBRPT2
M83513/13-F03AP	100RL37S-CBRP3
M83513/13-F03AN	100RL37S-CBR3
M83513/13-F03AT	100RL37S-CBRT3
M83513/13-F03AW	100RL37S-CBRPT3
M83513/13-F03CN	100RC37S-CBR3
M83513/13-F03CP	100RC37S-CBRP3
M83513/13-F03CT	100RC37S-CBRT3
M83513/13-F03CW	100RC37S-CBRPT3
M83513/13-F03KN	100RK37S-CBR3
M83513/13-F03KP	100RK37S-CBRP3
M83513/13-F03KT	100RK37S-CBRT3
M83513/13-F03KW	100RK37S-CBRPT3
M83513/13-F03NN	100RN37S-CBR3
M83513/13-F03NP	100RN37S-CBRP3
M83513/13-F03NT	100RN37S-CBRT3
M83513/13-F03NW	100RN37S-CBRPT3
M83513/13-F03PN	104R37S-CBR3
M83513/13-F03PP	104R37S-CBRP3
M83513/13-F03PT	104R37S-CBRT3
M83513/13-F03PW	104R37S-CBRPT3
M83513/13-F03TP	100RT37S-CBRP3
M83513/13-F03TN	100RT37S-CBR3
M83513/13-F03TT	100RT37S-CBRT3
M83513/13-F03TW	100RT37S-CBRPT3
M83513/14-G01AP	100RL51S-CBRP1
M83513/14-G01AN	100RL51S-CBR1
M83513/14-G01AT	100RL51S-CBRT1
M83513/14-G01AW	100RL51S-CBRPT1
M83513/14-G01CN	100RC51S-CBR1
M83513/14-G01CP	100RC51S-CBRP1
M83513/14-G01CT	100RC51S-CBRT1
M83513/14-G01CW	100RC51S-CBRPT1
M83513/14-G01KN	100RK51S-CBR1
M83513/14-G01KP	100RK51S-CBRP1
M83513/14-G01KT	100RK51S-CBRT1
M83513/14-G01KW	100RK51S-CBRPT1
M83513/14-G01NN	100RN51S-CBR1
M83513/14-G01NP	100RN51S-CBRP1
M83513/14-G01NT	100RN51S-CBRT1
M83513/14-G01NW	100RN51S-CBRPT1
M83513/14-G01PN	104R51S-CBR1
M83513/14-G01PP	104R51S-CBRP1
M83513/14-G01PT	104R51S-CBRT1
M83513/14-G01PW	104R51S-CBRPT1
M83513/14-G01TP	100RT51S-CBRP1
M83513/14-G01TN	100RT51S-CBR1

MIL SPEC	ACC PN
M83513/14-G01TT	100RT51S-CBRT1
M83513/14-G01TW	100RT51S-CBRPT1
M83513/14-G02AP	100RL51S-CBRP2
M83513/14-G02AN	100RL51S-CBR2
M83513/14-G02AT	100RL51S-CBRT2
M83513/14-G02AW	100RL51S-CBRPT2
M83513/14-G02CN	100RC51S-CBR2
M83513/14-G02CP	100RC51S-CBRP2
M83513/14-G02CT	100RC51S-CBRT2
M83513/14-G02CW	100RC51S-CBRPT2
M83513/14-G02KN	100RK51S-CBR2
M83513/14-G02KP	100RK51S-CBRP2
M83513/14-G02KT	100RK51S-CBRT2
M83513/14-G02KW	100RK51S-CBRPT2
M83513/14-G02NN	100RN51S-CBR2
M83513/14-G02NP	100RN51S-CBRP2
M83513/14-G02NT	100RN51S-CBRT2
M83513/14-G02NW	100RN51S-CBRPT2
M83513/14-G02PN	104R51S-CBR2
M83513/14-G02PP	104R51S-CBRP2
M83513/14-G02PT	104R51S-CBRT2
M83513/14-G02PW	104R51S-CBRPT2
M83513/14-G02TP	100RT51S-CBRP2
M83513/14-G02TN	100RT51S-CBR2
M83513/14-G02TT	100RT51S-CBRT2
M83513/14-G02TW	100RT51S-CBRPT2
M83513/14-G03AP	100RL51S-CBRP3
M83513/14-G03AN	100RL51S-CBR3
M83513/14-G03AT	100RL51S-CBRT3
M83513/14-G03AW	100RL51S-CBRPT3
M83513/14-G03CN	100RC51S-CBR3
M83513/14-G03CP	100RC51S-CBRP3
M83513/14-G03CT	100RC51S-CBRT3
M83513/14-G03CW	100RC51S-CBRPT3
M83513/14-G03KN	100RK51S-CBR3
M83513/14-G03KP	100RK51S-CBRP3
M83513/14-G03KT	100RK51S-CBRT3
M83513/14-G03KW	100RK51S-CBRPT3
M83513/14-G03NN	100RN51S-CBR3
M83513/14-G03NP	100RN51S-CBRP3
M83513/14-G03NT	100RN51S-CBRT3
M83513/14-G03NW	100RN51S-CBRPT3
M83513/14-G03PN	104R51S-CBR3
M83513/14-G03PP	104R51S-CBRP3
M83513/14-G03PT	104R51S-CBRT3
M83513/14-G03PW	104R51S-CBRPT3
M83513/14-G03TP	100RT51S-CBRP3
M83513/14-G03TN	100RT51S-CBR3
M83513/14-G03TT	100RT51S-CBRT3
M83513/14-G03TW	100RT51S-CBRPT3
M83513/15-H01AP	100RL100S-CBRP1
M83513/15-H01AN	100RL100S-CBR1

MIL SPEC	ACC PN
M83513/15-H01AU	100RL100S-CBRU1
M83513/15-H01AY	100RL100S-CBRPU1
M83513/15-H01CN	100RC100S-CBR1
M83513/15-H01CP	100RC100S-CBRP1
M83513/15-H01CU	100RC100S-CBRU1
M83513/15-H01CY	100RC100S-CBRPU1
M83513/15-H01KN	100RK100S-CBR1
M83513/15-H01KP	100RK100S-CBRP1
M83513/15-H01KU	100RK100S-CBRU1
M83513/15-H01KY	100RK100S-CBRPU1
M83513/15-H01NN	100RN100S-CBR1
M83513/15-H01NP	100RN100S-CBRP1
M83513/15-H01NU	100RN100S-CBRU1
M83513/15-H01NY	100RN100S-CBRPU1
M83513/15-H01PN	104R100S-CBR1
M83513/15-H01PP	104R100S-CBRP1
M83513/15-H01PU	104R100S-CBRU1
M83513/15-H01PY	104R100S-CBRPU1
M83513/15-H01TP	100RT100S-CBRP1
M83513/15-H01TN	100RT100S-CBR1
M83513/15-H01TU	100RT100S-CBRU1
M83513/15-H01TY	100RT100S-CBRPU1
M83513/15-H02AP	100RL100S-CBRP2
M83513/15-H02AN	100RL100S-CBR2
M83513/15-H02AU	100RL100S-CBRU2
M83513/15-H02AY	100RL100S-CBRPU2
M83513/15-H02CN	100RC100S-CBR2
M83513/15-H02CP	100RC100S-CBRP2
M83513/15-H02CU	100RC100S-CBRU2
M83513/15-H02CY	100RC100S-CBRPU2
M83513/15-H02KN	100RK100S-CBR2
M83513/15-H02KP	100RK100S-CBRP2
M83513/15-H02KU	100RK100S-CBRU2
M83513/15-H02KY	100RK100S-CBRPU2
M83513/15-H02NN	100RN100S-CBR2
M83513/15-H02NP	100RN100S-CBRP2
M83513/15-H02NU	100RN100S-CBRU2
M83513/15-H02NY	100RN100S-CBRPU2
M83513/15-H02PN	104R100S-CBR2
M83513/15-H02PP	104R100S-CBRP2
M83513/15-H02PU	104R100S-CBRU2
M83513/15-H02PY	104R100S-CBRPU2
M83513/15-H02TP	100RT100S-CBRP2
M83513/15-H02TN	100RT100S-CBR2
M83513/15-H02TU	100RT100S-CBRU2
M83513/15-H02TY	100RT100S-CBRPU2
M83513/15-H03AP	100RL100S-CBRP3
M83513/15-H03AN	100RL100S-CBR3
M83513/15-H03AU	100RL100S-CBRU3
M83513/15-H03AY	100RL100S-CBRPU3
M83513/15-H03CN	100RC100S-CBR3
M83513/15-H03CP	100RC100S-CBRP3

MIL SPEC	ACC PN
M83513/15-H03CU	100RC100S-CBRU3
M83513/15-H03CY	100RC100S-CBRPU3
M83513/15-H03KN	100RK100S-CBR3
M83513/15-H03KP	100RK100S-CBRP3
M83513/15-H03KU	100RK100S-CBRU3
M83513/15-H03KY	100RK100S-CBRPU3
M83513/15-H03NN	100RN100S-CBR3
M83513/15-H03NP	100RN100S-CBRP3
M83513/15-H03NU	100RN100S-CBRU3
M83513/15-H03NY	100RN100S-CBRPU3
M83513/15-H03PN	104R100S-CBR3
M83513/15-H03PP	104R100S-CBRP3
M83513/15-H03PU	104R100S-CBRU3
M83513/15-H03PY	104R100S-CBRPU3
M83513/15-H03TP	100RT100S-CBRP3
M83513/15-H03TN	100RT100S-CBR3
M83513/15-H03TU	100RT100S-CBRU3
M83513/15-H03TY	100RT100S-CBRPU3
M83513/16-A01AP	100RL09P-BRP1
M83513/16-A01AN	100RL09P-BR1
M83513/16-A01AT	100RL09P-BRT1
M83513/16-A01AW	100RL09P-BRPT1
M83513/16-A01CN	100RC09P-BR1
M83513/16-A01CP	100RC09P-BRP1
M83513/16-A01CT	100RC09P-BRT1
M83513/16-A01CW	100RC09P-BRPT1
M83513/16-A01KN	100RK09P-BR1
M83513/16-A01KP	100RK09P-BRP1
M83513/16-A01KT	100RK09P-BRT1
M83513/16-A01KW	100RK09P-BRPT1
M83513/16-A01NN	100RN09P-BR1
M83513/16-A01NP	100RN09P-BRP1
M83513/16-A01NT	100RN09P-BRT1
M83513/16-A01NW	100RN09P-BRPT1
M83513/16-A01PN	104R09P-BR1
M83513/16-A01PP	104R09P-BRP1
M83513/16-A01PT	104R09P-BRT1
M83513/16-A01PW	104R09P-BRPT1
M83513/16-A01TP	100RT09P-BRP1
M83513/16-A01TN	100RT09P-BR1
M83513/16-A01TT	100RT09P-BRT1
M83513/16-A01TW	100RT09P-BRPT1
M83513/16-A02AP	100RL09P-BRP2
M83513/16-A02AN	100RL09P-BR2
M83513/16-A02AT	100RL09P-BRT2
M83513/16-A02AW	100RL09P-BRPT2
M83513/16-A02CN	100RC09P-BR2
M83513/16-A02CP	100RC09P-BRP2
M83513/16-A02CT	100RC09P-BRT2
M83513/16-A02CW	100RC09P-BRPT2
M83513/16-A02KN	100RK09P-BR2
M83513/16-A02KP	100RK09P-BRP2

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/16-A02KT	100RK09P-BRT2
M83513/16-A02KW	100RK09P-BRPT2
M83513/16-A02NN	100RN09P-BR2
M83513/16-A02NP	100RN09P-BRP2
M83513/16-A02NT	100RN09P-BRT2
M83513/16-A02NW	100RN09P-BRPT2
M83513/16-A02PN	104R09P-BR2
M83513/16-A02PP	104R09P-BRP2
M83513/16-A02PT	104R09P-BRT2
M83513/16-A02PW	104R09P-BRPT2
M83513/16-A02TP	100RT09P-BRP2
M83513/16-A02TN	100RT09P-BR2
M83513/16-A02TT	100RT09P-BRT2
M83513/16-A02TW	100RT09P-BRPT2
M83513/16-A03AP	100RL09P-BRP3
M83513/16-A03AN	100RL09P-BR3
M83513/16-A03AT	100RL09P-BRT3
M83513/16-A03AW	100RL09P-BRPT3
M83513/16-A03CN	100RC09P-BR3
M83513/16-A03CP	100RC09P-BRP3
M83513/16-A03CT	100RC09P-BRT3
M83513/16-A03CW	100RC09P-BRPT3
M83513/16-A03KN	100RK09P-BR3
M83513/16-A03KP	100RK09P-BRP3
M83513/16-A03KT	100RK09P-BRT3
M83513/16-A03KW	100RK09P-BRPT3
M83513/16-A03NN	100RN09P-BR3
M83513/16-A03NP	100RN09P-BRP3
M83513/16-A03NT	100RN09P-BRT3
M83513/16-A03NW	100RN09P-BRPT3
M83513/16-A03PN	104R09P-BR3
M83513/16-A03PP	104R09P-BRP3
M83513/16-A03PT	104R09P-BRT3
M83513/16-A03PW	104R09P-BRPT3
M83513/16-A03TP	100RT09P-BRP3
M83513/16-A03TN	100RT09P-BR3
M83513/16-A03TT	100RT09P-BRT3
M83513/16-A03TW	100RT09P-BRPT3
M83513/16-B01AP	100RL15P-BRP1
M83513/16-B01AN	100RL15P-BR1
M83513/16-B01AT	100RL15P-BRT1
M83513/16-B01AW	100RL15P-BRPT1
M83513/16-B01CN	100RC15P-BR1
M83513/16-B01CP	100RC15P-BRP1
M83513/16-B01CT	100RC15P-BRT1
M83513/16-B01CW	100RC15P-BRPT1
M83513/16-B01KN	100RK15P-BR1
M83513/16-B01KP	100RK15P-BRP1
M83513/16-B01KT	100RK15P-BRT1
M83513/16-B01KW	100RK15P-BRPT1
M83513/16-B01NN	100RN15P-BR1
M83513/16-B01NP	100RN15P-BRP1

MIL SPEC	ACC PN
M83513/16-B01NT	100RN15P-BRT1
M83513/16-B01NW	100RN15P-BRPT1
M83513/16-B01PN	104R15P-BR1
M83513/16-B01PP	104R15P-BRP1
M83513/16-B01PT	104R15P-BRT1
M83513/16-B01PW	104R15P-BRPT1
M83513/16-B01TP	100RT15P-BRP1
M83513/16-B01TN	100RT15P-BR1
M83513/16-B01TT	100RT15P-BRT1
M83513/16-B01TW	100RT15P-BRPT1
M83513/16-B02AP	100RL15P-BRP2
M83513/16-B02AN	100RL15P-BR2
M83513/16-B02AT	100RL15P-BRT2
M83513/16-B02AW	100RL15P-BRPT2
M83513/16-B02CN	100RC15P-BR2
M83513/16-B02CP	100RC15P-BRP2
M83513/16-B02CT	100RC15P-BRT2
M83513/16-B02CW	100RC15P-BRPT2
M83513/16-B02KN	100RK15P-BR2
M83513/16-B02KP	100RK15P-BRP2
M83513/16-B02KT	100RK15P-BRT2
M83513/16-B02KW	100RK15P-BRPT2
M83513/16-B02NN	100RN15P-BR2
M83513/16-B02NP	100RN15P-BRP2
M83513/16-B02NT	100RN15P-BRT2
M83513/16-B02NW	100RN15P-BRPT2
M83513/16-B02PN	104R15P-BR2
M83513/16-B02PP	104R15P-BRP2
M83513/16-B02PT	104R15P-BRT2
M83513/16-B02PW	104R15P-BRPT2
M83513/16-B02TP	100RT15P-BRP2
M83513/16-B02TN	100RT15P-BR2
M83513/16-B02TT	100RT15P-BRT2
M83513/16-B02TW	100RT15P-BRPT2
M83513/16-B03AP	100RL15P-BRP3
M83513/16-B03AN	100RL15P-BR3
M83513/16-B03AT	100RL15P-BRT3
M83513/16-B03AW	100RL15P-BRPT3
M83513/16-B03CN	100RC15P-BR3
M83513/16-B03CP	100RC15P-BRP3
M83513/16-B03CT	100RC15P-BRT3
M83513/16-B03CW	100RC15P-BRPT3
M83513/16-B03KN	100RK15P-BR3
M83513/16-B03KP	100RK15P-BRP3
M83513/16-B03KT	100RK15P-BRT3
M83513/16-B03KW	100RK15P-BRPT3
M83513/16-B03NN	100RN15P-BR3
M83513/16-B03NP	100RN15P-BRP3
M83513/16-B03NT	100RN15P-BRT3
M83513/16-B03NW	100RN15P-BRPT3
M83513/16-B03PN	104R15P-BR3
M83513/16-B03PP	104R15P-BRP3

MIL SPEC	ACC PN
M83513/16-B03PT	104R15P-BRT3
M83513/16-B03PW	104R15P-BRPT3
M83513/16-B03TP	100RT15P-BRP3
M83513/16-B03TN	100RT15P-BR3
M83513/16-B03TT	100RT15P-BRT3
M83513/16-B03TW	100RT15P-BRPT3
M83513/16-C01AP	100RL21P-BRP1
M83513/16-C01AN	100RL21P-BR1
M83513/16-C01AT	100RL21P-BRT1
M83513/16-C01AW	100RL21P-BRPT1
M83513/16-C01CN	100RC21P-BR1
M83513/16-C01CP	100RC21P-BRP1
M83513/16-C01CT	100RC21P-BRT1
M83513/16-C01CW	100RC21P-BRPT1
M83513/16-C01KN	100RK21P-BR1
M83513/16-C01KP	100RK21P-BRP1
M83513/16-C01KT	100RK21P-BRT1
M83513/16-C01KW	100RK21P-BRPT1
M83513/16-C01NN	100RN21P-BR1
M83513/16-C01NP	100RN21P-BRP1
M83513/16-C01NT	100RN21P-BRT1
M83513/16-C01NW	100RN21P-BRPT1
M83513/16-C01PN	104R21P-BR1
M83513/16-C01PP	104R21P-BRP1
M83513/16-C01PT	104R21P-BRT1
M83513/16-C01PW	104R21P-BRPT1
M83513/16-C01TP	100RT21P-BRP1
M83513/16-C01TN	100RT21P-BR1
M83513/16-C01TT	100RT21P-BRT1
M83513/16-C01TW	100RT21P-BRPT1
M83513/16-C02AP	100RL21P-BRP2
M83513/16-C02AN	100RL21P-BR2
M83513/16-C02AT	100RL21P-BRT2
M83513/16-C02AW	100RL21P-BRPT2
M83513/16-C02CN	100RC21P-BR2
M83513/16-C02CP	100RC21P-BRP2
M83513/16-C02CT	100RC21P-BRT2
M83513/16-C02CW	100RC21P-BRPT2
M83513/16-C02KN	100RK21P-BR2
M83513/16-C02KP	100RK21P-BRP2
M83513/16-C02KT	100RK21P-BRT2
M83513/16-C02KW	100RK21P-BRPT2
M83513/16-C02NN	100RN21P-BR2
M83513/16-C02NP	100RN21P-BRP2
M83513/16-C02NT	100RN21P-BRT2
M83513/16-C02NW	100RN21P-BRPT2
M83513/16-C02PN	104R21P-BR2
M83513/16-C02PP	104R21P-BRP2
M83513/16-C02PT	104R21P-BRT2
M83513/16-C02PW	104R21P-BRPT2
M83513/16-C02TP	100RT21P-BRP2
M83513/16-C02TN	100RT21P-BR2

MIL SPEC	ACC PN
M83513/16-C02TT	100RT21P-BRT2
M83513/16-C02TW	100RT21P-BRPT2
M83513/16-C03AP	100RL21P-BRP3
M83513/16-C03AN	100RL21P-BR3
M83513/16-C03AT	100RL21P-BRT3
M83513/16-C03AW	100RL21P-BRPT3
M83513/16-C03CN	100RC21P-BR3
M83513/16-C03CP	100RC21P-BRP3
M83513/16-C03CT	100RC21P-BRT3
M83513/16-C03CW	100RC21P-BRPT3
M83513/16-C03KN	100RK21P-BR3
M83513/16-C03KP	100RK21P-BRP3
M83513/16-C03KT	100RK21P-BRT3
M83513/16-C03KW	100RK21P-BRPT3
M83513/16-C03NN	100RN21P-BR3
M83513/16-C03NP	100RN21P-BRP3
M83513/16-C03NT	100RN21P-BRT3
M83513/16-C03NW	100RN21P-BRPT3
M83513/16-C03PN	104R21P-BR3
M83513/16-C03PP	104R21P-BRP3
M83513/16-C03PT	104R21P-BRT3
M83513/16-C03PW	104R21P-BRPT3
M83513/16-C03TP	100RT21P-BRP3
M83513/16-C03TN	100RT21P-BR3
M83513/16-C03TT	100RT21P-BRT3
M83513/16-C03TW	100RT21P-BRPT3
M83513/16-D01AP	100RL25P-BRP1
M83513/16-D01AN	100RL25P-BR1
M83513/16-D01AT	100RL25P-BRT1
M83513/16-D01AW	100RL25P-BRPT1
M83513/16-D01CN	100RC25P-BR1
M83513/16-D01CP	100RC25P-BRP1
M83513/16-D01CT	100RC25P-BRT1
M83513/16-D01CW	100RC25P-BRPT1
M83513/16-D01KN	100RK25P-BR1
M83513/16-D01KP	100RK25P-BRP1
M83513/16-D01KT	100RK25P-BRT1
M83513/16-D01KW	100RK25P-BRPT1
M83513/16-D01NN	100RN25P-BR1
M83513/16-D01NP	100RN25P-BRP1
M83513/16-D01NT	100RN25P-BRT1
M83513/16-D01NW	100RN25P-BRPT1
M83513/16-D01PN	104R25P-BR1
M83513/16-D01PP	104R25P-BRP1
M83513/16-D01PT	104R25P-BRT1
M83513/16-D01PW	104R25P-BRPT1
M83513/16-D01TP	100RT25P-BRP1
M83513/16-D01TN	100RT25P-BR1
M83513/16-D01TT	100RT25P-BRT1
M83513/16-D01TW	100RT25P-BRPT1
M83513/16-D02AP	100RL25P-BRP2
M83513/16-D02AN	100RL25P-BR2

MIL SPEC	ACC PN
M83513/16-D02AT	100RL25P-BRT2
M83513/16-D02AW	100RL25P-BRPT2
M83513/16-D02CN	100RC25P-BR2
M83513/16-D02CP	100RC25P-BRP2
M83513/16-D02CT	100RC25P-BRT2
M83513/16-D02CW	100RC25P-BRPT2
M83513/16-D02KN	100RK25P-BR2
M83513/16-D02KP	100RK25P-BRP2
M83513/16-D02KT	100RK25P-BRT2
M83513/16-D02KW	100RK25P-BRPT2
M83513/16-D02NN	100RN25P-BR2
M83513/16-D02NP	100RN25P-BRP2
M83513/16-D02NT	100RN25P-BRT2
M83513/16-D02NW	100RN25P-BRPT2
M83513/16-D02PN	104R25P-BR2
M83513/16-D02PP	104R25P-BRP2
M83513/16-D02PT	104R25P-BRT2
M83513/16-D02PW	104R25P-BRPT2
M83513/16-D02TP	100RT25P-BRP2
M83513/16-D02TN	100RT25P-BR2
M83513/16-D02TT	100RT25P-BRT2
M83513/16-D02TW	100RT25P-BRPT2
M83513/16-D03AP	100RL25P-BRP3
M83513/16-D03AN	100RL25P-BR3
M83513/16-D03AT	100RL25P-BRT3
M83513/16-D03AW	100RL25P-BRPT3
M83513/16-D03CN	100RC25P-BR3
M83513/16-D03CP	100RC25P-BRP3
M83513/16-D03CT	100RC25P-BRT3
M83513/16-D03CW	100RC25P-BRPT3
M83513/16-D03KN	100RK25P-BR3
M83513/16-D03KP	100RK25P-BRP3
M83513/16-D03KT	100RK25P-BRT3
M83513/16-D03KW	100RK25P-BRPT3
M83513/16-D03NN	100RN25P-BR3
M83513/16-D03NP	100RN25P-BRP3
M83513/16-D03NT	100RN25P-BRT3
M83513/16-D03NW	100RN25P-BRPT3
M83513/16-D03PN	104R25P-BR3
M83513/16-D03PP	104R25P-BRP3
M83513/16-D03PT	104R25P-BRT3
M83513/16-D03PW	104R25P-BRPT3
M83513/16-D03TP	100RT25P-BRP3
M83513/16-D03TN	100RT25P-BR3
M83513/16-D03TT	100RT25P-BRT3
M83513/16-D03TW	100RT25P-BRPT3
M83513/16-E01AP	100RL31P-BRP1
M83513/16-E01AN	100RL31P-BR1
M83513/16-E01AT	100RL31P-BRT1
M83513/16-E01AW	100RL31P-BRPT1
M83513/16-E01CN	100RC31P-BR1
M83513/16-E01CP	100RC31P-BRP1

MIL SPEC	ACC PN
M83513/16-E01CT	100RC31P-BRT1
M83513/16-E01CW	100RC31P-BRPT1
M83513/16-E01KN	100RK31P-BR1
M83513/16-E01KP	100RK31P-BRP1
M83513/16-E01KT	100RK31P-BRT1
M83513/16-E01KW	100RK31P-BRPT1
M83513/16-E01NN	100RN31P-BR1
M83513/16-E01NP	100RN31P-BRP1
M83513/16-E01NT	100RN31P-BRT1
M83513/16-E01NW	100RN31P-BRPT1
M83513/16-E01PN	104R31P-BR1
M83513/16-E01PP	104R31P-BRP1
M83513/16-E01PT	104R31P-BRT1
M83513/16-E01PW	104R31P-BRPT1
M83513/16-E01TP	100RT31P-BRP1
M83513/16-E01TN	100RT31P-BR1
M83513/16-E01TT	100RT31P-BRT1
M83513/16-E01TW	100RT31P-BRPT1
M83513/16-E02AP	100RL31P-BRP2
M83513/16-E02AN	100RL31P-BR2
M83513/16-E02AT	100RL31P-BRT2
M83513/16-E02AW	100RL31P-BRPT2
M83513/16-E02CN	100RC31P-BR2
M83513/16-E02CP	100RC31P-BRP2
M83513/16-E02CT	100RC31P-BRT2
M83513/16-E02CW	100RC31P-BRPT2
M83513/16-E02KN	100RK31P-BR2
M83513/16-E02KP	100RK31P-BRP2
M83513/16-E02KT	100RK31P-BRT2
M83513/16-E02KW	100RK31P-BRPT2
M83513/16-E02NN	100RN31P-BR2
M83513/16-E02NP	100RN31P-BRP2
M83513/16-E02NT	100RN31P-BRT2
M83513/16-E02NW	100RN31P-BRPT2
M83513/16-E02PN	104R31P-BR2
M83513/16-E02PP	104R31P-BRP2
M83513/16-E02PT	104R31P-BRT2
M83513/16-E02PW	104R31P-BRPT2
M83513/16-E02TP	100RT31P-BRP2
M83513/16-E02TN	100RT31P-BR2
M83513/16-E02TT	100RT31P-BRT2
M83513/16-E02TW	100RT31P-BRPT2
M83513/16-E03AP	100RL31P-BRP3
M83513/16-E03AN	100RL31P-BR3
M83513/16-E03AT	100RL31P-BRT3
M83513/16-E03AW	100RL31P-BRPT3
M83513/16-E03CN	100RC31P-BR3
M83513/16-E03CP	100RC31P-BRP3
M83513/16-E03CT	100RC31P-BRT3
M83513/16-E03CW	100RC31P-BRPT3
M83513/16-E03KN	100RK31P-BR3
M83513/16-E03KP	100RK31P-BRP3

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/16-E03KT	100RK31P-BRT3
M83513/16-E03KW	100RK31P-BRPT3
M83513/16-E03NN	100RN31P-BR3
M83513/16-E03NP	100RN31P-BRP3
M83513/16-E03NT	100RN31P-BRT3
M83513/16-E03NW	100RN31P-BRPT3
M83513/16-E03PN	104R31P-BR3
M83513/16-E03PP	104R31P-BRP3
M83513/16-E03PT	104R31P-BRT3
M83513/16-E03PW	104R31P-BRPT3
M83513/16-E03TP	100RT31P-BRP3
M83513/16-E03TN	100RT31P-BR3
M83513/16-E03TT	100RT31P-BRT3
M83513/16-E03TW	100RT31P-BRPT3
M83513/16-F01AP	100RL37P-BRP1
M83513/16-F01AN	100RL37P-BR1
M83513/16-F01AT	100RL37P-BRT1
M83513/16-F01AW	100RL37P-BRPT1
M83513/16-F01CN	100RC37P-BR1
M83513/16-F01CP	100RC37P-BRP1
M83513/16-F01CT	100RC37P-BRT1
M83513/16-F01CW	100RC37P-BRPT1
M83513/16-F01KN	100RK37P-BR1
M83513/16-F01KP	100RK37P-BRP1
M83513/16-F01KT	100RK37P-BRT1
M83513/16-F01KW	100RK37P-BRPT1
M83513/16-F01NN	100RN37P-BR1
M83513/16-F01NP	100RN37P-BRP1
M83513/16-F01NT	100RN37P-BRT1
M83513/16-F01NW	100RN37P-BRPT1
M83513/16-F01PN	104R37P-BR1
M83513/16-F01PP	104R37P-BRP1
M83513/16-F01PT	104R37P-BRT1
M83513/16-F01PW	104R37P-BRPT1
M83513/16-F01TP	100RT37P-BRP1
M83513/16-F01TN	100RT37P-BR1
M83513/16-F01TT	100RT37P-BRT1
M83513/16-F01TW	100RT37P-BRPT1
M83513/16-F02AP	100RL37P-BRP2
M83513/16-F02AN	100RL37P-BR2
M83513/16-F02AT	100RL37P-BRT2
M83513/16-F02AW	100RL37P-BRPT2
M83513/16-F02CN	100RC37P-BR2
M83513/16-F02CP	100RC37P-BRP2
M83513/16-F02CT	100RC37P-BRT2
M83513/16-F02CW	100RC37P-BRPT2
M83513/16-F02KN	100RK37P-BR2
M83513/16-F02KP	100RK37P-BRP2
M83513/16-F02KT	100RK37P-BRT2
M83513/16-F02KW	100RK37P-BRPT2
M83513/16-F02NN	100RN37P-BR2
M83513/16-F02NP	100RN37P-BRP2

MIL SPEC	ACC PN
M83513/16-F02NT	100RN37P-BRT2
M83513/16-F02NW	100RN37P-BRPT2
M83513/16-F02PN	104R37P-BR2
M83513/16-F02PP	104R37P-BRP2
M83513/16-F02PT	104R37P-BRT2
M83513/16-F02PW	104R37P-BRPT2
M83513/16-F02TP	100RT37P-BRP2
M83513/16-F02TN	100RT37P-BR2
M83513/16-F02TT	100RT37P-BRT2
M83513/16-F02TW	100RT37P-BRPT2
M83513/16-F03AP	100RL37P-BRP3
M83513/16-F03AN	100RL37P-BR3
M83513/16-F03AT	100RL37P-BRT3
M83513/16-F03AW	100RL37P-BRPT3
M83513/16-F03CN	100RC37P-BR3
M83513/16-F03CP	100RC37P-BRP3
M83513/16-F03CT	100RC37P-BRT3
M83513/16-F03CW	100RC37P-BRPT3
M83513/16-F03KN	100RK37P-BR3
M83513/16-F03KP	100RK37P-BRP3
M83513/16-F03KT	100RK37P-BRT3
M83513/16-F03KW	100RK37P-BRPT3
M83513/16-F03NN	100RN37P-BR3
M83513/16-F03NP	100RN37P-BRP3
M83513/16-F03NT	100RN37P-BRT3
M83513/16-F03NW	100RN37P-BRPT3
M83513/16-F03PN	104R37P-BR3
M83513/16-F03PP	104R37P-BRP3
M83513/16-F03PT	104R37P-BRT3
M83513/16-F03PW	104R37P-BRPT3
M83513/16-F03TP	100RT37P-BRP3
M83513/16-F03TN	100RT37P-BR3
M83513/16-F03TT	100RT37P-BRT3
M83513/16-F03TW	100RT37P-BRPT3
M83513/17-G01AP	100RL51P-BRP1
M83513/17-G01AN	100RL51P-BR1
M83513/17-G01AT	100RL51P-BRT1
M83513/17-G01AW	100RL51P-BRPT1
M83513/17-G01CN	100RC51P-BR1
M83513/17-G01CP	100RC51P-BRP1
M83513/17-G01CT	100RC51P-BRT1
M83513/17-G01CW	100RC51P-BRPT1
M83513/17-G01KN	100RK51P-BR1
M83513/17-G01KP	100RK51P-BRP1
M83513/17-G01KT	100RK51P-BRT1
M83513/17-G01KW	100RK51P-BRPT1
M83513/17-G01NN	100RN51P-BR1
M83513/17-G01NP	100RN51P-BRP1
M83513/17-G01NT	100RN51P-BRT1
M83513/17-G01NW	100RN51P-BRPT1
M83513/17-G01PN	104R51P-BR1
M83513/17-G01PP	104R51P-BRP1

MIL SPEC	ACC PN
M83513/17-G01PT	104R51P-BRT1
M83513/17-G01PW	104R51P-BRPT1
M83513/17-G01TP	100RT51P-BRP1
M83513/17-G01TN	100RT51P-BR1
M83513/17-G01TT	100RT51P-BRT1
M83513/17-G01TW	100RT51P-BRPT1
M83513/17-G02AP	100RL51P-BRP2
M83513/17-G02AN	100RL51P-BR2
M83513/17-G02AT	100RL51P-BRT2
M83513/17-G02AW	100RL51P-BRPT2
M83513/17-G02CN	100RC51P-BR2
M83513/17-G02CP	100RC51P-BRP2
M83513/17-G02CT	100RC51P-BRT2
M83513/17-G02CW	100RC51P-BRPT2
M83513/17-G02KN	100RK51P-BR2
M83513/17-G02KP	100RK51P-BRP2
M83513/17-G02KT	100RK51P-BRT2
M83513/17-G02KW	100RK51P-BRPT2
M83513/17-G02NN	100RN51P-BR2
M83513/17-G02NP	100RN51P-BRP2
M83513/17-G02NT	100RN51P-BRT2
M83513/17-G02NW	100RN51P-BRPT2
M83513/17-G02PN	104R51P-BR2
M83513/17-G02PP	104R51P-BRP2
M83513/17-G02PT	104R51P-BRT2
M83513/17-G02PW	104R51P-BRPT2
M83513/17-G02TP	100RT51P-BRP2
M83513/17-G02TN	100RT51P-BR2
M83513/17-G02TT	100RT51P-BRT2
M83513/17-G02TW	100RT51P-BRPT2
M83513/17-G03AP	100RL51P-BRP3
M83513/17-G03AN	100RL51P-BR3
M83513/17-G03AT	100RL51P-BRT3
M83513/17-G03AW	100RL51P-BRPT3
M83513/17-G03CN	100RC51P-BR3
M83513/17-G03CP	100RC51P-BRP3
M83513/17-G03CT	100RC51P-BRT3
M83513/17-G03CW	100RC51P-BRPT3
M83513/17-G03KN	100RK51P-BR3
M83513/17-G03KP	100RK51P-BRP3
M83513/17-G03KT	100RK51P-BRT3
M83513/17-G03KW	100RK51P-BRPT3
M83513/17-G03NN	100RN51P-BR3
M83513/17-G03NP	100RN51P-BRP3
M83513/17-G03NT	100RN51P-BRT3
M83513/17-G03NW	100RN51P-BRPT3
M83513/17-G03PN	104R51P-BR3
M83513/17-G03PP	104R51P-BRP3
M83513/17-G03PT	104R51P-BRT3
M83513/17-G03PW	104R51P-BRPT3
M83513/17-G03TP	100RT51P-BRP3
M83513/17-G03TN	100RT51P-BR3

MIL SPEC	ACC PN
M83513/17-G03TT	100RT51P-BRT3
M83513/17-G03TW	100RT51P-BRPT3
M83513/18-H01AP	100RL100P-BRP1
M83513/18-H01AN	100RL100P-BR1
M83513/18-H01AU	100RL100P-BRU1
M83513/18-H01AY	100RL100P-BRPU1
M83513/18-H01CN	100RC100P-BR1
M83513/18-H01CP	100RC100P-BRP1
M83513/18-H01CU	100RC100P-BRU1
M83513/18-H01CY	100RC100P-BRPU1
M83513/18-H01KN	100RK100P-BR1
M83513/18-H01KP	100RK100P-BRP1
M83513/18-H01KU	100RK100P-BRU1
M83513/18-H01KY	100RK100P-BRPU1
M83513/18-H01NN	100RN100P-BR1
M83513/18-H01NP	100RN100P-BRP1
M83513/18-H01NU	100RN100P-BRU1
M83513/18-H01NY	100RN100P-BRPU1
M83513/18-H01PN	104R100P-BR1
M83513/18-H01PP	104R100P-BRP1
M83513/18-H01PU	104R100P-BRU1
M83513/18-H01PY	104R100P-BRPU1
M83513/18-H01TP	100RT100P-BRP1
M83513/18-H01TN	100RT100P-BR1
M83513/18-H01TU	100RT100P-BRU1
M83513/18-H01TY	100RT100P-BRPU1
M83513/18-H02AP	100RL100P-BRP2
M83513/18-H02AN	100RL100P-BR2
M83513/18-H02AU	100RL100P-BRU2
M83513/18-H02AY	100RL100P-BRPU2
M83513/18-H02CN	100RC100P-BR2
M83513/18-H02CP	100RC100P-BRP2
M83513/18-H02CU	100RC100P-BRU2
M83513/18-H02CY	100RC100P-BRPU2
M83513/18-H02KN	100RK100P-BR2
M83513/18-H02KP	100RK100P-BRP2
M83513/18-H02KU	100RK100P-BRU2
M83513/18-H02KY	100RK100P-BRPU2
M83513/18-H02NN	100RN100P-BR2
M83513/18-H02NP	100RN100P-BRP2
M83513/18-H02NU	100RN100P-BRU2
M83513/18-H02NY	100RN100P-BRPU2
M83513/18-H02PN	104R100P-BR2
M83513/18-H02PP	104R100P-BRP2
M83513/18-H02PU	104R100P-BRU2
M83513/18-H02PY	104R100P-BRPU2
M83513/18-H02TP	100RT100P-BRP2
M83513/18-H02TN	100RT100P-BR2
M83513/18-H02TU	100RT100P-BRU2
M83513/18-H02TY	100RT100P-BRPU2
M83513/18-H03AP	100RL100P-BRP3
M83513/18-H03AN	100RL100P-BR3

MIL SPEC	ACC PN
M83513/18-H03AU	100RL100P-BRU3
M83513/18-H03AY	100RL100P-BRPU3
M83513/18-H03CN	100RC100P-BR3
M83513/18-H03CP	100RC100P-BRP3
M83513/18-H03CU	100RC100P-BRU3
M83513/18-H03CY	100RC100P-BRPU3
M83513/18-H03KN	100RK100P-BR3
M83513/18-H03KP	100RK100P-BRP3
M83513/18-H03KU	100RK100P-BRU3
M83513/18-H03KY	100RK100P-BRPU3
M83513/18-H03NN	100RN100P-BR3
M83513/18-H03NP	100RN100P-BRP3
M83513/18-H03NU	100RN100P-BRU3
M83513/18-H03NY	100RN100P-BRPU3
M83513/18-H03PN	104R100P-BR3
M83513/18-H03PP	104R100P-BRP3
M83513/18-H03PU	104R100P-BRU3
M83513/18-H03PY	104R100P-BRPU3
M83513/18-H03TP	100RT100P-BRP3
M83513/18-H03TN	100RT100P-BR3
M83513/18-H03TU	100RT100P-BRU3
M83513/18-H03TY	100RT100P-BRPU3
M83513/19-A01AP	100RL09S-BRP1
M83513/19-A01AN	100RL09S-BR1
M83513/19-A01AT	100RL09S-BRT1
M83513/19-A01AW	100RL09S-BRPT1
M83513/19-A01CN	100RC09S-BR1
M83513/19-A01CP	100RC09S-BRP1
M83513/19-A01CT	100RC09S-BRT1
M83513/19-A01CW	100RC09S-BRPT1
M83513/19-A01KN	100RK09S-BR1
M83513/19-A01KP	100RK09S-BRP1
M83513/19-A01KT	100RK09S-BRT1
M83513/19-A01KW	100RK09S-BRPT1
M83513/19-A01NN	100RN09S-BR1
M83513/19-A01NP	100RN09S-BRP1
M83513/19-A01NT	100RN09S-BRT1
M83513/19-A01NW	100RN09S-BRPT1
M83513/19-A01PN	104R09S-BR1
M83513/19-A01PP	104R09S-BRP1
M83513/19-A01PT	104R09S-BRT1
M83513/19-A01PW	104R09S-BRPT1
M83513/19-A01TP	100RT09S-BRP1
M83513/19-A01TN	100RT09S-BR1
M83513/19-A01TT	100RT09S-BRT1
M83513/19-A01TW	100RT09S-BRPT1
M83513/19-A02AP	100RL09S-BRP2
M83513/19-A02AN	100RL09S-BR2
M83513/19-A02AT	100RL09S-BRT2
M83513/19-A02AW	100RL09S-BRPT2
M83513/19-A02CN	100RC09S-BR2
M83513/19-A02CP	100RC09S-BRP2

MIL SPEC	ACC PN
M83513/19-A02CT	100RC09S-BRT2
M83513/19-A02CW	100RC09S-BRPT2
M83513/19-A02KN	100RK09S-BR2
M83513/19-A02KP	100RK09S-BRP2
M83513/19-A02KT	100RK09S-BRT2
M83513/19-A02KW	100RK09S-BRPT2
M83513/19-A02NN	100RN09S-BR2
M83513/19-A02NP	100RN09S-BRP2
M83513/19-A02NT	100RN09S-BRT2
M83513/19-A02NW	100RN09S-BRPT2
M83513/19-A02PN	104R09S-BR2
M83513/19-A02PP	104R09S-BRP2
M83513/19-A02PT	104R09S-BRT2
M83513/19-A02PW	104R09S-BRPT2
M83513/19-A02TP	100RT09S-BRP2
M83513/19-A02TN	100RT09S-BR2
M83513/19-A02TT	100RT09S-BRT2
M83513/19-A02TW	100RT09S-BRPT2
M83513/19-A03AP	100RL09S-BRP3
M83513/19-A03AN	100RL09S-BR3
M83513/19-A03AT	100RL09S-BRT3
M83513/19-A03AW	100RL09S-BRPT3
M83513/19-A03CN	100RC09S-BR3
M83513/19-A03CP	100RC09S-BRP3
M83513/19-A03CT	100RC09S-BRT3
M83513/19-A03CW	100RC09S-BRPT3
M83513/19-A03KN	100RK09S-BR3
M83513/19-A03KP	100RK09S-BRP3
M83513/19-A03KT	100RK09S-BRT3
M83513/19-A03KW	100RK09S-BRPT3
M83513/19-A03NN	100RN09S-BR3
M83513/19-A03NP	100RN09S-BRP3
M83513/19-A03NT	100RN09S-BRT3
M83513/19-A03NW	100RN09S-BRPT3
M83513/19-A03PN	104R09S-BR3
M83513/19-A03PP	104R09S-BRP3
M83513/19-A03PT	104R09S-BRT3
M83513/19-A03PW	104R09S-BRPT3
M83513/19-A03TP	100RT09S-BRP3
M83513/19-A03TN	100RT09S-BR3
M83513/19-A03TT	100RT09S-BRT3
M83513/19-A03TW	100RT09S-BRPT3
M83513/19-B01AP	100RL15S-BRP1
M83513/19-B01AN	100RL15S-BR1
M83513/19-B01AT	100RL15S-BRT1
M83513/19-B01AW	100RL15S-BRPT1
M83513/19-B01CN	100RC15S-BR1
M83513/19-B01CP	100RC15S-BRP1
M83513/19-B01CT	100RC15S-BRT1
M83513/19-B01CW	100RC15S-BRPT1
M83513/19-B01KN	100RK15S-BR1
M83513/19-B01KP	100RK15S-BRP1

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/19-B01KT	100RK15S-BRT1
M83513/19-B01KW	100RK15S-BRPT1
M83513/19-B01NN	100RN15S-BR1
M83513/19-B01NP	100RN15S-BRP1
M83513/19-B01NT	100RN15S-BRT1
M83513/19-B01NW	100RN15S-BRPT1
M83513/19-B01PN	104R15S-BR1
M83513/19-B01PP	104R15S-BRP1
M83513/19-B01PT	104R15S-BRT1
M83513/19-B01PW	104R15S-BRPT1
M83513/19-B01TP	100RT15S-BRP1
M83513/19-B01TN	100RT15S-BR1
M83513/19-B01TT	100RT15S-BRT1
M83513/19-B01TW	100RT15S-BRPT1
M83513/19-B02AP	100RL15S-BRP2
M83513/19-B02AN	100RL15S-BR2
M83513/19-B02AT	100RL15S-BRT2
M83513/19-B02AW	100RL15S-BRPT2
M83513/19-B02CN	100RC15S-BR2
M83513/19-B02CP	100RC15S-BRP2
M83513/19-B02CT	100RC15S-BRT2
M83513/19-B02CW	100RC15S-BRPT2
M83513/19-B02KN	100RK15S-BR2
M83513/19-B02KP	100RK15S-BRP2
M83513/19-B02KT	100RK15S-BRT2
M83513/19-B02KW	100RK15S-BRPT2
M83513/19-B02NN	100RN15S-BR2
M83513/19-B02NP	100RN15S-BRP2
M83513/19-B02NT	100RN15S-BRT2
M83513/19-B02NW	100RN15S-BRPT2
M83513/19-B02PN	104R15S-BR2
M83513/19-B02PP	104R15S-BRP2
M83513/19-B02PT	104R15S-BRT2
M83513/19-B02PW	104R15S-BRPT2
M83513/19-B02TP	100RT15S-BRP2
M83513/19-B02TN	100RT15S-BR2
M83513/19-B02TT	100RT15S-BRT2
M83513/19-B02TW	100RT15S-BRPT2
M83513/19-B03AP	100RL15S-BRP3
M83513/19-B03AN	100RL15S-BR3
M83513/19-B03AT	100RL15S-BRT3
M83513/19-B03AW	100RL15S-BRPT3
M83513/19-B03CN	100RC15S-BR3
M83513/19-B03CP	100RC15S-BRP3
M83513/19-B03CT	100RC15S-BRT3
M83513/19-B03CW	100RC15S-BRPT3
M83513/19-B03KN	100RK15S-BR3
M83513/19-B03KP	100RK15S-BRP3
M83513/19-B03KT	100RK15S-BRT3
M83513/19-B03KW	100RK15S-BRPT3
M83513/19-B03NN	100RN15S-BR3
M83513/19-B03NP	100RN15S-BRP3

MIL SPEC	ACC PN
M83513/19-B03NT	100RN15S-BRT3
M83513/19-B03NW	100RN15S-BRPT3
M83513/19-B03PN	104R15S-BR3
M83513/19-B03PP	104R15S-BRP3
M83513/19-B03PT	104R15S-BRT3
M83513/19-B03PW	104R15S-BRPT3
M83513/19-B03TP	100RT15S-BRP3
M83513/19-B03TN	100RT15S-BR3
M83513/19-B03TT	100RT15S-BRT3
M83513/19-B03TW	100RT15S-BRPT3
M83513/19-C01AP	100RL21S-BRP1
M83513/19-C01AN	100RL21S-BR1
M83513/19-C01AT	100RL21S-BRT1
M83513/19-C01AW	100RL21S-BRPT1
M83513/19-C01CN	100RC21S-BR1
M83513/19-C01CP	100RC21S-BRP1
M83513/19-C01CT	100RC21S-BRT1
M83513/19-C01CW	100RC21S-BRPT1
M83513/19-C01KN	100RK21S-BR1
M83513/19-C01KP	100RK21S-BRP1
M83513/19-C01KT	100RK21S-BRT1
M83513/19-C01KW	100RK21S-BRPT1
M83513/19-C01NN	100RN21S-BR1
M83513/19-C01NP	100RN21S-BRP1
M83513/19-C01NT	100RN21S-BRT1
M83513/19-C01NW	100RN21S-BRPT1
M83513/19-C01PN	104R21S-BR1
M83513/19-C01PP	104R21S-BRP1
M83513/19-C01PT	104R21S-BRT1
M83513/19-C01PW	104R21S-BRPT1
M83513/19-C01TP	100RT21S-BRP1
M83513/19-C01TN	100RT21S-BR1
M83513/19-C01TT	100RT21S-BRT1
M83513/19-C01TW	100RT21S-BRPT1
M83513/19-C02AP	100RL21S-BRP2
M83513/19-C02AN	100RL21S-BR2
M83513/19-C02AT	100RL21S-BRT2
M83513/19-C02AW	100RL21S-BRPT2
M83513/19-C02CN	100RC21S-BR2
M83513/19-C02CP	100RC21S-BRP2
M83513/19-C02CT	100RC21S-BRT2
M83513/19-C02CW	100RC21S-BRPT2
M83513/19-C02KN	100RK21S-BR2
M83513/19-C02KP	100RK21S-BRP2
M83513/19-C02KT	100RK21S-BRT2
M83513/19-C02KW	100RK21S-BRPT2
M83513/19-C02NN	100RN21S-BR2
M83513/19-C02NP	100RN21S-BRP2
M83513/19-C02NT	100RN21S-BRT2
M83513/19-C02NW	100RN21S-BRPT2
M83513/19-C02PN	104R21S-BR2
M83513/19-C02PP	104R21S-BRP2

MIL SPEC	ACC PN
M83513/19-C02PT	104R21S-BRT2
M83513/19-C02PW	104R21S-BRPT2
M83513/19-C02TP	100RT21S-BRP2
M83513/19-C02TN	100RT21S-BR2
M83513/19-C02TT	100RT21S-BRT2
M83513/19-C02TW	100RT21S-BRPT2
M83513/19-C03AP	100RL21S-BRP3
M83513/19-C03AN	100RL21S-BR3
M83513/19-C03AT	100RL21S-BRT3
M83513/19-C03AW	100RL21S-BRPT3
M83513/19-C03CN	100RC21S-BR3
M83513/19-C03CP	100RC21S-BRP3
M83513/19-C03CT	100RC21S-BRT3
M83513/19-C03CW	100RC21S-BRPT3
M83513/19-C03KN	100RK21S-BR3
M83513/19-C03KP	100RK21S-BRP3
M83513/19-C03KT	100RK21S-BRT3
M83513/19-C03KW	100RK21S-BRPT3
M83513/19-C03NN	100RN21S-BR3
M83513/19-C03NP	100RN21S-BRP3
M83513/19-C03NT	100RN21S-BRT3
M83513/19-C03NW	100RN21S-BRPT3
M83513/19-C03PN	104R21S-BR3
M83513/19-C03PP	104R21S-BRP3
M83513/19-C03PT	104R21S-BRT3
M83513/19-C03PW	104R21S-BRPT3
M83513/19-C03TP	100RT21S-BRP3
M83513/19-C03TN	100RT21S-BR3
M83513/19-C03TT	100RT21S-BRT3
M83513/19-C03TW	100RT21S-BRPT3
M83513/19-D01AP	100RL25S-BRP1
M83513/19-D01AN	100RL25S-BR1
M83513/19-D01AT	100RL25S-BRT1
M83513/19-D01AW	100RL25S-BRPT1
M83513/19-D01CN	100RC25S-BR1
M83513/19-D01CP	100RC25S-BRP1
M83513/19-D01CT	100RC25S-BRT1
M83513/19-D01CW	100RC25S-BRPT1
M83513/19-D01KN	100RK25S-BR1
M83513/19-D01KP	100RK25S-BRP1
M83513/19-D01KT	100RK25S-BRT1
M83513/19-D01KW	100RK25S-BRPT1
M83513/19-D01NN	100RN25S-BR1
M83513/19-D01NP	100RN25S-BRP1
M83513/19-D01NT	100RN25S-BRT1
M83513/19-D01NW	100RN25S-BRPT1
M83513/19-D01PN	104R25S-BR1
M83513/19-D01PP	104R25S-BRP1
M83513/19-D01PT	104R25S-BRT1
M83513/19-D01PW	104R25S-BRPT1
M83513/19-D01TP	100RT25S-BRP1
M83513/19-D01TN	100RT25S-BR1

MIL SPEC	ACC PN
M83513/19-D01TT	100RT25S-BRT1
M83513/19-D01TW	100RT25S-BRPT1
M83513/19-D02AP	100RL25S-BRP2
M83513/19-D02AN	100RL25S-BR2
M83513/19-D02AT	100RL25S-BRT2
M83513/19-D02AW	100RL25S-BRPT2
M83513/19-D02CN	100RC25S-BR2
M83513/19-D02CP	100RC25S-BRP2
M83513/19-D02CT	100RC25S-BRT2
M83513/19-D02CW	100RC25S-BRPT2
M83513/19-D02KN	100RK25S-BR2
M83513/19-D02KP	100RK25S-BRP2
M83513/19-D02KT	100RK25S-BRT2
M83513/19-D02KW	100RK25S-BRPT2
M83513/19-D02NN	100RN25S-BR2
M83513/19-D02NP	100RN25S-BRP2
M83513/19-D02NT	100RN25S-BRT2
M83513/19-D02NW	100RN25S-BRPT2
M83513/19-D02PN	104R25S-BR2
M83513/19-D02PP	104R25S-BRP2
M83513/19-D02PT	104R25S-BRT2
M83513/19-D02PW	104R25S-BRPT2
M83513/19-D02TP	100RT25S-BRP2
M83513/19-D02TN	100RT25S-BR2
M83513/19-D02TT	100RT25S-BRT2
M83513/19-D02TW	100RT25S-BRPT2
M83513/19-D03AP	100RL25S-BRP3
M83513/19-D03AN	100RL25S-BR3
M83513/19-D03AT	100RL25S-BRT3
M83513/19-D03AW	100RL25S-BRPT3
M83513/19-D03CN	100RC25S-BR3
M83513/19-D03CP	100RC25S-BRP3
M83513/19-D03CT	100RC25S-BRT3
M83513/19-D03CW	100RC25S-BRPT3
M83513/19-D03KN	100RK25S-BR3
M83513/19-D03KP	100RK25S-BRP3
M83513/19-D03KT	100RK25S-BRT3
M83513/19-D03KW	100RK25S-BRPT3
M83513/19-D03NN	100RN25S-BR3
M83513/19-D03NP	100RN25S-BRP3
M83513/19-D03NT	100RN25S-BRT3
M83513/19-D03NW	100RN25S-BRPT3
M83513/19-D03PN	104R25S-BR3
M83513/19-D03PP	104R25S-BRP3
M83513/19-D03PT	104R25S-BRT3
M83513/19-D03PW	104R25S-BRPT3
M83513/19-D03TP	100RT25S-BRP3
M83513/19-D03TN	100RT25S-BR3
M83513/19-D03TT	100RT25S-BRT3
M83513/19-D03TW	100RT25S-BRPT3
M83513/19-E01AP	100RL31S-BRP1
M83513/19-E01AN	100RL31S-BR1

MIL SPEC	ACC PN
M83513/19-E01AT	100RL31S-BRT1
M83513/19-E01AW	100RL31S-BRPT1
M83513/19-E01CN	100RC31S-BR1
M83513/19-E01CP	100RC31S-BRP1
M83513/19-E01CT	100RC31S-BRT1
M83513/19-E01CW	100RC31S-BRPT1
M83513/19-E01KN	100RK31S-BR1
M83513/19-E01KP	100RK31S-BRP1
M83513/19-E01KT	100RK31S-BRT1
M83513/19-E01KW	100RK31S-BRPT1
M83513/19-E01NN	100RN31S-BR1
M83513/19-E01NP	100RN31S-BRP1
M83513/19-E01NT	100RN31S-BRT1
M83513/19-E01NW	100RN31S-BRPT1
M83513/19-E01PN	104R31S-BR1
M83513/19-E01PP	104R31S-BRP1
M83513/19-E01PT	104R31S-BRT1
M83513/19-E01PW	104R31S-BRPT1
M83513/19-E01TP	100RT31S-BRP1
M83513/19-E01TN	100RT31S-BR1
M83513/19-E01TT	100RT31S-BRT1
M83513/19-E01TW	100RT31S-BRPT1
M83513/19-E02AP	100RL31S-BRP2
M83513/19-E02AN	100RL31S-BR2
M83513/19-E02AT	100RL31S-BRT2
M83513/19-E02AW	100RL31S-BRPT2
M83513/19-E02CN	100RC31S-BR2
M83513/19-E02CP	100RC31S-BRP2
M83513/19-E02CT	100RC31S-BRT2
M83513/19-E02CW	100RC31S-BRPT2
M83513/19-E02KN	100RK31S-BR2
M83513/19-E02KP	100RK31S-BRP2
M83513/19-E02KT	100RK31S-BRT2
M83513/19-E02KW	100RK31S-BRPT2
M83513/19-E02NN	100RN31S-BR2
M83513/19-E02NP	100RN31S-BRP2
M83513/19-E02NT	100RN31S-BRT2
M83513/19-E02NW	100RN31S-BRPT2
M83513/19-E02PN	104R31S-BR2
M83513/19-E02PP	104R31S-BRP2
M83513/19-E02PT	104R31S-BRT2
M83513/19-E02PW	104R31S-BRPT2
M83513/19-E02TP	100RT31S-BRP2
M83513/19-E02TN	100RT31S-BR2
M83513/19-E02TT	100RT31S-BRT2
M83513/19-E02TW	100RT31S-BRPT2
M83513/19-E03AP	100RL31S-BRP3
M83513/19-E03AN	100RL31S-BR3
M83513/19-E03AT	100RL31S-BRT3
M83513/19-E03AW	100RL31S-BRPT3
M83513/19-E03CN	100RC31S-BR3
M83513/19-E03CP	100RC31S-BRP3

MIL SPEC	ACC PN
M83513/19-E03CT	100RC31S-BRT3
M83513/19-E03CW	100RC31S-BRPT3
M83513/19-E03KN	100RK31S-BR3
M83513/19-E03KP	100RK31S-BRP3
M83513/19-E03KT	100RK31S-BRT3
M83513/19-E03KW	100RK31S-BRPT3
M83513/19-E03NN	100RN31S-BR3
M83513/19-E03NP	100RN31S-BRP3
M83513/19-E03NT	100RN31S-BRT3
M83513/19-E03NW	100RN31S-BRPT3
M83513/19-E03PN	104R31S-BR3
M83513/19-E03PP	104R31S-BRP3
M83513/19-E03PT	104R31S-BRT3
M83513/19-E03PW	104R31S-BRPT3
M83513/19-E03TP	100RT31S-BRP3
M83513/19-E03TN	100RT31S-BR3
M83513/19-E03TT	100RT31S-BRT3
M83513/19-E03TW	100RT31S-BRPT3
M83513/19-F01AP	100RL37S-BRP1
M83513/19-F01AN	100RL37S-BR1
M83513/19-F01AT	100RL37S-BRT1
M83513/19-F01AW	100RL37S-BRPT1
M83513/19-F01CN	100RC37S-BR1
M83513/19-F01CP	100RC37S-BRP1
M83513/19-F01CT	100RC37S-BRT1
M83513/19-F01CW	100RC37S-BRPT1
M83513/19-F01KN	100RK37S-BR1
M83513/19-F01KP	100RK37S-BRP1
M83513/19-F01KT	100RK37S-BRT1
M83513/19-F01KW	100RK37S-BRPT1
M83513/19-F01NN	100RN37S-BR1
M83513/19-F01NP	100RN37S-BRP1
M83513/19-F01NT	100RN37S-BRT1
M83513/19-F01NW	100RN37S-BRPT1
M83513/19-F01PN	104R37S-BR1
M83513/19-F01PP	104R37S-BRP1
M83513/19-F01PT	104R37S-BRT1
M83513/19-F01PW	104R37S-BRPT1
M83513/19-F01TP	100RT37S-BRP1
M83513/19-F01TN	100RT37S-BR1
M83513/19-F01TT	100RT37S-BRT1
M83513/19-F01TW	100RT37S-BRPT1
M83513/19-F02AP	100RL37S-BRP2
M83513/19-F02AN	100RL37S-BR2
M83513/19-F02AT	100RL37S-BRT2
M83513/19-F02AW	100RL37S-BRPT2
M83513/19-F02CN	100RC37S-BR2
M83513/19-F02CP	100RC37S-BRP2
M83513/19-F02CT	100RC37S-BRT2
M83513/19-F02CW	100RC37S-BRPT2
M83513/19-F02KN	100RK37S-BR2
M83513/19-F02KP	100RK37S-BRP2

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/19-F02KT	100RK37S-BRT2
M83513/19-F02KW	100RK37S-BRPT2
M83513/19-F02NN	100RN37S-BR2
M83513/19-F02NP	100RN37S-BRP2
M83513/19-F02NT	100RN37S-BRT2
M83513/19-F02NW	100RN37S-BRPT2
M83513/19-F02PN	104R37S-BR2
M83513/19-F02PP	104R37S-BRP2
M83513/19-F02PT	104R37S-BRT2
M83513/19-F02PW	104R37S-BRPT2
M83513/19-F02TP	100RT37S-BRP2
M83513/19-F02TN	100RT37S-BR2
M83513/19-F02TT	100RT37S-BRT2
M83513/19-F02TW	100RT37S-BRPT2
M83513/19-F03AP	100RL37S-BRP3
M83513/19-F03AN	100RL37S-BR3
M83513/19-F03AT	100RL37S-BRT3
M83513/19-F03AW	100RL37S-BRPT3
M83513/19-F03CN	100RC37S-BR3
M83513/19-F03CP	100RC37S-BRP3
M83513/19-F03CT	100RC37S-BRT3
M83513/19-F03CW	100RC37S-BRPT3
M83513/19-F03KN	100RK37S-BR3
M83513/19-F03KP	100RK37S-BRP3
M83513/19-F03KT	100RK37S-BRT3
M83513/19-F03KW	100RK37S-BRPT3
M83513/19-F03NN	100RN37S-BR3
M83513/19-F03NP	100RN37S-BRP3
M83513/19-F03NT	100RN37S-BRT3
M83513/19-F03NW	100RN37S-BRPT3
M83513/19-F03PN	104R37S-BR3
M83513/19-F03PP	104R37S-BRP3
M83513/19-F03PT	104R37S-BRT3
M83513/19-F03PW	104R37S-BRPT3
M83513/19-F03TP	100RT37S-BRP3
M83513/19-F03TN	100RT37S-BR3
M83513/19-F03TT	100RT37S-BRT3
M83513/19-F03TW	100RT37S-BRPT3
M83513/20-G01AP	100RL51S-BRP1
M83513/20-G01AN	100RL51S-BR1
M83513/20-G01AT	100RL51S-BRT1
M83513/20-G01AW	100RL51S-BRPT1
M83513/20-G01CN	100RC51S-BR1
M83513/20-G01CP	100RC51S-BRP1
M83513/20-G01CT	100RC51S-BRT1
M83513/20-G01CW	100RC51S-BRPT1
M83513/20-G01KN	100RK51S-BR1
M83513/20-G01KP	100RK51S-BRP1
M83513/20-G01KT	100RK51S-BRT1
M83513/20-G01KW	100RK51S-BRPT1
M83513/20-G01NN	100RN51S-BR1
M83513/20-G01NP	100RN51S-BRP1

MIL SPEC	ACC PN
M83513/20-G01NT	100RN51S-BRT1
M83513/20-G01NW	100RN51S-BRPT1
M83513/20-G01PN	104R51S-BR1
M83513/20-G01PP	104R51S-BRP1
M83513/20-G01PT	104R51S-BRT1
M83513/20-G01PW	104R51S-BRPT1
M83513/20-G01TP	100RT51S-BRP1
M83513/20-G01TN	100RT51S-BR1
M83513/20-G01TT	100RT51S-BRT1
M83513/20-G01TW	100RT51S-BRPT1
M83513/20-G02AP	100RL51S-BRP2
M83513/20-G02AN	100RL51S-BR2
M83513/20-G02AT	100RL51S-BRT2
M83513/20-G02AW	100RL51S-BRPT2
M83513/20-G02CN	100RC51S-BR2
M83513/20-G02CP	100RC51S-BRP2
M83513/20-G02CT	100RC51S-BRT2
M83513/20-G02CW	100RC51S-BRPT2
M83513/20-G02KN	100RK51S-BR2
M83513/20-G02KP	100RK51S-BRP2
M83513/20-G02KT	100RK51S-BRT2
M83513/20-G02KW	100RK51S-BRPT2
M83513/20-G02NN	100RN51S-BR2
M83513/20-G02NP	100RN51S-BRP2
M83513/20-G02NT	100RN51S-BRT2
M83513/20-G02NW	100RN51S-BRPT2
M83513/20-G02PN	104R51S-BR2
M83513/20-G02PP	104R51S-BRP2
M83513/20-G02PT	104R51S-BRT2
M83513/20-G02PW	104R51S-BRPT2
M83513/20-G02TP	100RT51S-BRP2
M83513/20-G02TN	100RT51S-BR2
M83513/20-G02TT	100RT51S-BRT2
M83513/20-G02TW	100RT51S-BRPT2
M83513/20-G03AP	100RL51S-BRP3
M83513/20-G03AN	100RL51S-BR3
M83513/20-G03AT	100RL51S-BRT3
M83513/20-G03AW	100RL51S-BRPT3
M83513/20-G03CN	100RC51S-BR3
M83513/20-G03CP	100RC51S-BRP3
M83513/20-G03CT	100RC51S-BRT3
M83513/20-G03CW	100RC51S-BRPT3
M83513/20-G03KN	100RK51S-BR3
M83513/20-G03KP	100RK51S-BRP3
M83513/20-G03KT	100RK51S-BRT3
M83513/20-G03KW	100RK51S-BRPT3
M83513/20-G03NN	100RN51S-BR3
M83513/20-G03NP	100RN51S-BRP3
M83513/20-G03NT	100RN51S-BRT3
M83513/20-G03NW	100RN51S-BRPT3
M83513/20-G03PN	104R51S-BR3
M83513/20-G03PP	104R51S-BRP3

MIL SPEC	ACC PN
M83513/20-G03PT	104R51S-BRT3
M83513/20-G03PW	104R51S-BRPT3
M83513/20-G03TP	100RT51S-BRP3
M83513/20-G03TN	100RT51S-BR3
M83513/20-G03TT	100RT51S-BRT3
M83513/20-G03TW	100RT51S-BRPT3
M83513/21-H01AP	100RL100S-BRP1
M83513/21-H01AN	100RL100S-BR1
M83513/21-H01AU	100RL100S-BRU1
M83513/21-H01AY	100RL100S-BRPU1
M83513/21-H01CN	100RC100S-BR1
M83513/21-H01CP	100RC100S-BRP1
M83513/21-H01CU	100RC100S-BRU1
M83513/21-H01CY	100RC100S-BRPU1
M83513/21-H01KN	100RK100S-BR1
M83513/21-H01KP	100RK100S-BRP1
M83513/21-H01KU	100RK100S-BRU1
M83513/21-H01KY	100RK100S-BRPU1
M83513/21-H01NN	100RN100S-BR1
M83513/21-H01NP	100RN100S-BRP1
M83513/21-H01NU	100RN100S-BRU1
M83513/21-H01NY	100RN100S-BRPU1
M83513/21-H01PN	104R100S-BR1
M83513/21-H01PP	104R100S-BRP1
M83513/21-H01PU	104R100S-BRU1
M83513/21-H01PY	104R100S-BRPU1
M83513/21-H01TP	100RT100S-BRP1
M83513/21-H01TN	100RT100S-BR1
M83513/21-H01TU	100RT100S-BRU1
M83513/21-H01TY	100RT100S-BRPU1
M83513/21-H02AP	100RL100S-BRP2
M83513/21-H02AN	100RL100S-BR2
M83513/21-H02AU	100RL100S-BRU2
M83513/21-H02AY	100RL100S-BRPU2
M83513/21-H02CN	100RC100S-BR2
M83513/21-H02CP	100RC100S-BRP2
M83513/21-H02CU	100RC100S-BRU2
M83513/21-H02CY	100RC100S-BRPU2
M83513/21-H02KN	100RK100S-BR2
M83513/21-H02KP	100RK100S-BRP2
M83513/21-H02KU	100RK100S-BRU2
M83513/21-H02KY	100RK100S-BRPU2
M83513/21-H02NN	100RN100S-BR2
M83513/21-H02NP	100RN100S-BRP2
M83513/21-H02NU	100RN100S-BRU2
M83513/21-H02NY	100RN100S-BRPU2
M83513/21-H02PN	104R100S-BR2
M83513/21-H02PP	104R100S-BRP2
M83513/21-H02PU	104R100S-BRU2
M83513/21-H02PY	104R100S-BRPU2
M83513/21-H02TP	100RT100S-BRP2
M83513/21-H02TN	100RT100S-BR2

MIL SPEC	ACC PN
M83513/21-H02TU	100RT100S-BRU2
M83513/21-H02TY	100RT100S-BRPU2
M83513/21-H03AP	100RL100S-BRP3
M83513/21-H03AN	100RL100S-BR3
M83513/21-H03AU	100RL100S-BRU3
M83513/21-H03AY	100RL100S-BRPU3
M83513/21-H03CN	100RC100S-BR3
M83513/21-H03CP	100RC100S-BRP3
M83513/21-H03CU	100RC100S-BRU3
M83513/21-H03CY	100RC100S-BRPU3
M83513/21-H03KN	100RK100S-BR3
M83513/21-H03KP	100RK100S-BRP3
M83513/21-H03KU	100RK100S-BRU3
M83513/21-H03KY	100RK100S-BRPU3
M83513/21-H03NN	100RN100S-BR3
M83513/21-H03NP	100RN100S-BRP3
M83513/21-H03NU	100RN100S-BRU3
M83513/21-H03NY	100RN100S-BRPU3
M83513/21-H03PN	104R100S-BR3
M83513/21-H03PP	104R100S-BRP3
M83513/21-H03PU	104R100S-BRU3
M83513/21-H03PY	104R100S-BRPU3
M83513/21-H03TP	100RT100S-BRP3
M83513/21-H03TN	100RT100S-BR3
M83513/21-H03TU	100RT100S-BRU3
M83513/21-H03TY	100RT100S-BRPU3
M83513/22-A01AP	100RL09P-BSP1
M83513/22-A01AN	100RL09P-BS1
M83513/22-A01AT	100RL09P-BST1
M83513/22-A01AW	100RL09P-BSPT1
M83513/22-A01CN	100RC09P-BS1
M83513/22-A01CP	100RC09P-BSP1
M83513/22-A01CT	100RC09P-BST1
M83513/22-A01CW	100RC09P-BSPT1
M83513/22-A01KN	100RK09P-BS1
M83513/22-A01KP	100RK09P-BSP1
M83513/22-A01KT	100RK09P-BST1
M83513/22-A01KW	100RK09P-BSPT1
M83513/22-A01NN	100RN09P-BS1
M83513/22-A01NP	100RN09P-BSP1
M83513/22-A01NT	100RN09P-BST1
M83513/22-A01NW	100RN09P-BSPT1
M83513/22-A01PN	104R09P-BS1
M83513/22-A01PP	104R09P-BSP1
M83513/22-A01PT	104R09P-BST1
M83513/22-A01PW	104R09P-BSPT1
M83513/22-A01TP	100RT09P-BSP1
M83513/22-A01TN	100RT09P-BS1
M83513/22-A01TT	100RT09P-BST1
M83513/22-A01TW	100RT09P-BSPT1
M83513/22-A02AP	100RL09P-BSP2
M83513/22-A02AN	100RL09P-BS2

MIL SPEC	ACC PN
M83513/22-A02AT	100RL09P-BST2
M83513/22-A02AW	100RL09P-BSPT2
M83513/22-A02CN	100RC09P-BS2
M83513/22-A02CP	100RC09P-BSP2
M83513/22-A02CT	100RC09P-BST2
M83513/22-A02CW	100RC09P-BSPT2
M83513/22-A02KN	100RK09P-BS2
M83513/22-A02KP	100RK09P-BSP2
M83513/22-A02KT	100RK09P-BST2
M83513/22-A02KW	100RK09P-BSPT2
M83513/22-A02NN	100RN09P-BS2
M83513/22-A02NP	100RN09P-BSP2
M83513/22-A02NT	100RN09P-BST2
M83513/22-A02NW	100RN09P-BSPT2
M83513/22-A02PN	104R09P-BS2
M83513/22-A02PP	104R09P-BSP2
M83513/22-A02PT	104R09P-BST2
M83513/22-A02PW	104R09P-BSPT2
M83513/22-A02TP	100RT09P-BSP2
M83513/22-A02TN	100RT09P-BS2
M83513/22-A02TT	100RT09P-BST2
M83513/22-A02TW	100RT09P-BSPT2
M83513/22-A03AP	100RL09P-BSP3
M83513/22-A03AN	100RL09P-BS3
M83513/22-A03AT	100RL09P-BST3
M83513/22-A03AW	100RL09P-BSPT3
M83513/22-A03CN	100RC09P-BS3
M83513/22-A03CP	100RC09P-BSP3
M83513/22-A03CT	100RC09P-BST3
M83513/22-A03CW	100RC09P-BSPT3
M83513/22-A03KN	100RK09P-BS3
M83513/22-A03KP	100RK09P-BSP3
M83513/22-A03KT	100RK09P-BST3
M83513/22-A03KW	100RK09P-BSPT3
M83513/22-A03NN	100RN09P-BS3
M83513/22-A03NP	100RN09P-BSP3
M83513/22-A03NT	100RN09P-BST3
M83513/22-A03NW	100RN09P-BSPT3
M83513/22-A03PN	104R09P-BS3
M83513/22-A03PP	104R09P-BSP3
M83513/22-A03PT	104R09P-BST3
M83513/22-A03PW	104R09P-BSPT3
M83513/22-A03TP	100RT09P-BSP3
M83513/22-A03TN	100RT09P-BS3
M83513/22-A03TT	100RT09P-BST3
M83513/22-A03TW	100RT09P-BSPT3
M83513/22-B01AP	100RL15P-BSP1
M83513/22-B01AN	100RL15P-BS1
M83513/22-B01AT	100RL15P-BST1
M83513/22-B01AW	100RL15P-BSPT1
M83513/22-B01CN	100RC15P-BS1
M83513/22-B01CP	100RC15P-BSP1

MIL SPEC	ACC PN
M83513/22-B01CT	100RC15P-BST1
M83513/22-B01CW	100RC15P-BSPT1
M83513/22-B01KN	100RK15P-BS1
M83513/22-B01KP	100RK15P-BSP1
M83513/22-B01KT	100RK15P-BST1
M83513/22-B01KW	100RK15P-BSPT1
M83513/22-B01NN	100RN15P-BS1
M83513/22-B01NP	100RN15P-BSP1
M83513/22-B01NT	100RN15P-BST1
M83513/22-B01NW	100RN15P-BSPT1
M83513/22-B01PN	104R15P-BS1
M83513/22-B01PP	104R15P-BSP1
M83513/22-B01PT	104R15P-BST1
M83513/22-B01PW	104R15P-BSPT1
M83513/22-B01TP	100RT15P-BSP1
M83513/22-B01TN	100RT15P-BS1
M83513/22-B01TT	100RT15P-BST1
M83513/22-B01TW	100RT15P-BSPT1
M83513/22-B02AP	100RL15P-BSP2
M83513/22-B02AN	100RL15P-BS2
M83513/22-B02AT	100RL15P-BST2
M83513/22-B02AW	100RL15P-BSPT2
M83513/22-B02CN	100RC15P-BS2
M83513/22-B02CP	100RC15P-BSP2
M83513/22-B02CT	100RC15P-BST2
M83513/22-B02CW	100RC15P-BSPT2
M83513/22-B02KN	100RK15P-BS2
M83513/22-B02KP	100RK15P-BSP2
M83513/22-B02KT	100RK15P-BST2
M83513/22-B02KW	100RK15P-BSPT2
M83513/22-B02NN	100RN15P-BS2
M83513/22-B02NP	100RN15P-BSP2
M83513/22-B02NT	100RN15P-BST2
M83513/22-B02NW	100RN15P-BSPT2
M83513/22-B02PN	104R15P-BS2
M83513/22-B02PP	104R15P-BSP2
M83513/22-B02PT	104R15P-BST2
M83513/22-B02PW	104R15P-BSPT2
M83513/22-B02TP	100RT15P-BSP2
M83513/22-B02TN	100RT15P-BS2
M83513/22-B02TT	100RT15P-BST2
M83513/22-B02TW	100RT15P-BSPT2
M83513/22-B03AP	100RL15P-BSP3
M83513/22-B03AN	100RL15P-BS3
M83513/22-B03AT	100RL15P-BST3
M83513/22-B03AW	100RL15P-BSPT3
M83513/22-B03CN	100RC15P-BS3
M83513/22-B03CP	100RC15P-BSP3
M83513/22-B03CT	100RC15P-BST3
M83513/22-B03CW	100RC15P-BSPT3
M83513/22-B03KN	100RK15P-BS3
M83513/22-B03KP	100RK15P-BSP3

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/22-B03KT	100RK15P-BST3
M83513/22-B03KW	100RK15P-BSPT3
M83513/22-B03NN	100RN15P-BS3
M83513/22-B03NP	100RN15P-BSP3
M83513/22-B03NT	100RN15P-BST3
M83513/22-B03NW	100RN15P-BSPT3
M83513/22-B03PN	104R15P-BS3
M83513/22-B03PP	104R15P-BSP3
M83513/22-B03PT	104R15P-BST3
M83513/22-B03PW	104R15P-BSPT3
M83513/22-B03TP	100RT15P-BSP3
M83513/22-B03TN	100RT15P-BS3
M83513/22-B03TT	100RT15P-BST3
M83513/22-B03TW	100RT15P-BSPT3
M83513/22-C01AP	100RL21P-BSP1
M83513/22-C01AN	100RL21P-BS1
M83513/22-C01AT	100RL21P-BST1
M83513/22-C01AW	100RL21P-BSPT1
M83513/22-C01CN	100RC21P-BS1
M83513/22-C01CP	100RC21P-BSP1
M83513/22-C01CT	100RC21P-BST1
M83513/22-C01CW	100RC21P-BSPT1
M83513/22-C01KN	100RK21P-BS1
M83513/22-C01KP	100RK21P-BSP1
M83513/22-C01KT	100RK21P-BST1
M83513/22-C01KW	100RK21P-BSPT1
M83513/22-C01NN	100RN21P-BS1
M83513/22-C01NP	100RN21P-BSP1
M83513/22-C01NT	100RN21P-BST1
M83513/22-C01NW	100RN21P-BSPT1
M83513/22-C01PN	104R21P-BS1
M83513/22-C01PP	104R21P-BSP1
M83513/22-C01PT	104R21P-BST1
M83513/22-C01PW	104R21P-BSPT1
M83513/22-C01TP	100RT21P-BSP1
M83513/22-C01TN	100RT21P-BS1
M83513/22-C01TT	100RT21P-BST1
M83513/22-C01TW	100RT21P-BSPT1
M83513/22-C02AP	100RL21P-BSP2
M83513/22-C02AN	100RL21P-BS2
M83513/22-C02AT	100RL21P-BST2
M83513/22-C02AW	100RL21P-BSPT2
M83513/22-C02CN	100RC21P-BS2
M83513/22-C02CP	100RC21P-BSP2
M83513/22-C02CT	100RC21P-BST2
M83513/22-C02CW	100RC21P-BSPT2
M83513/22-C02KN	100RK21P-BS2
M83513/22-C02KP	100RK21P-BSP2
M83513/22-C02KT	100RK21P-BST2
M83513/22-C02KW	100RK21P-BSPT2
M83513/22-C02NN	100RN21P-BS2
M83513/22-C02NP	100RN21P-BSP2

MIL SPEC	ACC PN
M83513/22-C02NT	100RN21P-BST2
M83513/22-C02NW	100RN21P-BSPT2
M83513/22-C02PN	104R21P-BS2
M83513/22-C02PP	104R21P-BSP2
M83513/22-C02PT	104R21P-BST2
M83513/22-C02PW	104R21P-BSPT2
M83513/22-C02TP	100RT21P-BSP2
M83513/22-C02TN	100RT21P-BS2
M83513/22-C02TT	100RT21P-BST2
M83513/22-C02TW	100RT21P-BSPT2
M83513/22-C03AP	100RL21P-BSP3
M83513/22-C03AN	100RL21P-BS3
M83513/22-C03AT	100RL21P-BST3
M83513/22-C03AW	100RL21P-BSPT3
M83513/22-C03CN	100RC21P-BS3
M83513/22-C03CP	100RC21P-BSP3
M83513/22-C03CT	100RC21P-BST3
M83513/22-C03CW	100RC21P-BSPT3
M83513/22-C03KN	100RK21P-BS3
M83513/22-C03KP	100RK21P-BSP3
M83513/22-C03KT	100RK21P-BST3
M83513/22-C03KW	100RK21P-BSPT3
M83513/22-C03NN	100RN21P-BS3
M83513/22-C03NP	100RN21P-BSP3
M83513/22-C03NT	100RN21P-BST3
M83513/22-C03NW	100RN21P-BSPT3
M83513/22-C03PN	104R21P-BS3
M83513/22-C03PP	104R21P-BSP3
M83513/22-C03PT	104R21P-BST3
M83513/22-C03PW	104R21P-BSPT3
M83513/22-C03TP	100RT21P-BSP3
M83513/22-C03TN	100RT21P-BS3
M83513/22-C03TT	100RT21P-BST3
M83513/22-C03TW	100RT21P-BSPT3
M83513/22-D01AP	100RL25P-BSP1
M83513/22-D01AN	100RL25P-BS1
M83513/22-D01AT	100RL25P-BST1
M83513/22-D01AW	100RL25P-BSPT1
M83513/22-D01CN	100RC25P-BS1
M83513/22-D01CP	100RC25P-BSP1
M83513/22-D01CT	100RC25P-BST1
M83513/22-D01CW	100RC25P-BSPT1
M83513/22-D01KN	100RK25P-BS1
M83513/22-D01KP	100RK25P-BSP1
M83513/22-D01KT	100RK25P-BST1
M83513/22-D01KW	100RK25P-BSPT1
M83513/22-D01NN	100RN25P-BS1
M83513/22-D01NP	100RN25P-BSP1
M83513/22-D01NT	100RN25P-BST1
M83513/22-D01NW	100RN25P-BSPT1
M83513/22-D01PN	104R25P-BS1
M83513/22-D01PP	104R25P-BSP1

MIL SPEC	ACC PN
M83513/22-D01PT	104R25P-BST1
M83513/22-D01PW	104R25P-BSPT1
M83513/22-D01TP	100RT25P-BSP1
M83513/22-D01TN	100RT25P-BS1
M83513/22-D01TT	100RT25P-BST1
M83513/22-D01TW	100RT25P-BSPT1
M83513/22-D02AP	100RL25P-BSP2
M83513/22-D02AN	100RL25P-BS2
M83513/22-D02AT	100RL25P-BST2
M83513/22-D02AW	100RL25P-BSPT2
M83513/22-D02CN	100RC25P-BS2
M83513/22-D02CP	100RC25P-BSP2
M83513/22-D02CT	100RC25P-BST2
M83513/22-D02CW	100RC25P-BSPT2
M83513/22-D02KN	100RK25P-BS2
M83513/22-D02KP	100RK25P-BSP2
M83513/22-D02KT	100RK25P-BST2
M83513/22-D02KW	100RK25P-BSPT2
M83513/22-D02NN	100RN25P-BS2
M83513/22-D02NP	100RN25P-BSP2
M83513/22-D02NT	100RN25P-BST2
M83513/22-D02NW	100RN25P-BSPT2
M83513/22-D02PN	104R25P-BS2
M83513/22-D02PP	104R25P-BSP2
M83513/22-D02PT	104R25P-BST2
M83513/22-D02PW	104R25P-BSPT2
M83513/22-D02TP	100RT25P-BSP2
M83513/22-D02TN	100RT25P-BS2
M83513/22-D02TT	100RT25P-BST2
M83513/22-D02TW	100RT25P-BSPT2
M83513/22-D03AP	100RL25P-BSP3
M83513/22-D03AN	100RL25P-BS3
M83513/22-D03AT	100RL25P-BST3
M83513/22-D03AW	100RL25P-BSPT3
M83513/22-D03CN	100RC25P-BS3
M83513/22-D03CP	100RC25P-BSP3
M83513/22-D03CT	100RC25P-BST3
M83513/22-D03CW	100RC25P-BSPT3
M83513/22-D03KN	100RK25P-BS3
M83513/22-D03KP	100RK25P-BSP3
M83513/22-D03KT	100RK25P-BST3
M83513/22-D03KW	100RK25P-BSPT3
M83513/22-D03NN	100RN25P-BS3
M83513/22-D03NP	100RN25P-BSP3
M83513/22-D03NT	100RN25P-BST3
M83513/22-D03NW	100RN25P-BSPT3
M83513/22-D03PN	104R25P-BS3
M83513/22-D03PP	104R25P-BSP3
M83513/22-D03PT	104R25P-BST3
M83513/22-D03PW	104R25P-BSPT3
M83513/22-D03TP	100RT25P-BSP3
M83513/22-D03TN	100RT25P-BS3

MIL SPEC	ACC PN
M83513/22-D03TT	100RT25P-BST3
M83513/22-D03TW	100RT25P-BSPT3
M83513/22-E01AP	100RL31P-BSP1
M83513/22-E01AN	100RL31P-BS1
M83513/22-E01AT	100RL31P-BST1
M83513/22-E01AW	100RL31P-BSPT1
M83513/22-E01CN	100RC31P-BS1
M83513/22-E01CP	100RC31P-BSP1
M83513/22-E01CT	100RC31P-BST1
M83513/22-E01CW	100RC31P-BSPT1
M83513/22-E01KN	100RK31P-BS1
M83513/22-E01KP	100RK31P-BSP1
M83513/22-E01KT	100RK31P-BST1
M83513/22-E01KW	100RK31P-BSPT1
M83513/22-E01NN	100RN31P-BS1
M83513/22-E01NP	100RN31P-BSP1
M83513/22-E01NT	100RN31P-BST1
M83513/22-E01NW	100RN31P-BSPT1
M83513/22-E01PN	104R31P-BS1
M83513/22-E01PP	104R31P-BSP1
M83513/22-E01PT	104R31P-BST1
M83513/22-E01PW	104R31P-BSPT1
M83513/22-E01TP	100RT31P-BSP1
M83513/22-E01TN	100RT31P-BS1
M83513/22-E01TT	100RT31P-BST1
M83513/22-E01TW	100RT31P-BSPT1
M83513/22-E02AP	100RL31P-BSP2
M83513/22-E02AN	100RL31P-BS2
M83513/22-E02AT	100RL31P-BST2
M83513/22-E02AW	100RL31P-BSPT2
M83513/22-E02CN	100RC31P-BS2
M83513/22-E02CP	100RC31P-BSP2
M83513/22-E02CT	100RC31P-BST2
M83513/22-E02CW	100RC31P-BSPT2
M83513/22-E02KN	100RK31P-BS2
M83513/22-E02KP	100RK31P-BSP2
M83513/22-E02KT	100RK31P-BST2
M83513/22-E02KW	100RK31P-BSPT2
M83513/22-E02NN	100RN31P-BS2
M83513/22-E02NP	100RN31P-BSP2
M83513/22-E02NT	100RN31P-BST2
M83513/22-E02NW	100RN31P-BSPT2
M83513/22-E02PN	104R31P-BS2
M83513/22-E02PP	104R31P-BSP2
M83513/22-E02PT	104R31P-BST2
M83513/22-E02PW	104R31P-BSPT2
M83513/22-E02TP	100RT31P-BSP2
M83513/22-E02TN	100RT31P-BS2
M83513/22-E02TT	100RT31P-BST2
M83513/22-E02TW	100RT31P-BSPT2
M83513/22-E03AP	100RL31P-BSP3
M83513/22-E03AN	100RL31P-BS3

MIL SPEC	ACC PN
M83513/22-E03AT	100RL31P-BST3
M83513/22-E03AW	100RL31P-BSPT3
M83513/22-E03CN	100RC31P-BS3
M83513/22-E03CP	100RC31P-BSP3
M83513/22-E03CT	100RC31P-BST3
M83513/22-E03CW	100RC31P-BSPT3
M83513/22-E03KN	100RK31P-BS3
M83513/22-E03KP	100RK31P-BSP3
M83513/22-E03KT	100RK31P-BST3
M83513/22-E03KW	100RK31P-BSPT3
M83513/22-E03NN	100RN31P-BS3
M83513/22-E03NP	100RN31P-BSP3
M83513/22-E03NT	100RN31P-BST3
M83513/22-E03NW	100RN31P-BSPT3
M83513/22-E03PN	104R31P-BS3
M83513/22-E03PP	104R31P-BSP3
M83513/22-E03PT	104R31P-BST3
M83513/22-E03PW	104R31P-BSPT3
M83513/22-E03TP	100RT31P-BSP3
M83513/22-E03TN	100RT31P-BS3
M83513/22-E03TT	100RT31P-BST3
M83513/22-E03TW	100RT31P-BSPT3
M83513/22-F01AP	100RL37P-BSP1
M83513/22-F01AN	100RL37P-BS1
M83513/22-F01AT	100RL37P-BST1
M83513/22-F01AW	100RL37P-BSPT1
M83513/22-F01CN	100RC37P-BS1
M83513/22-F01CP	100RC37P-BSP1
M83513/22-F01CT	100RC37P-BST1
M83513/22-F01CW	100RC37P-BSPT1
M83513/22-F01KN	100RK37P-BS1
M83513/22-F01KP	100RK37P-BSP1
M83513/22-F01KT	100RK37P-BST1
M83513/22-F01KW	100RK37P-BSPT1
M83513/22-F01NN	100RN37P-BS1
M83513/22-F01NP	100RN37P-BSP1
M83513/22-F01NT	100RN37P-BST1
M83513/22-F01NW	100RN37P-BSPT1
M83513/22-F01PN	104R37P-BS1
M83513/22-F01PP	104R37P-BSP1
M83513/22-F01PT	104R37P-BST1
M83513/22-F01PW	104R37P-BSPT1
M83513/22-F01TP	100RT37P-BSP1
M83513/22-F01TN	100RT37P-BS1
M83513/22-F01TT	100RT37P-BST1
M83513/22-F01TW	100RT37P-BSPT1
M83513/22-F02AP	100RL37P-BSP2
M83513/22-F02AN	100RL37P-BS2
M83513/22-F02AT	100RL37P-BST2
M83513/22-F02AW	100RL37P-BSPT2
M83513/22-F02CN	100RC37P-BS2
M83513/22-F02CP	100RC37P-BSP2

MIL SPEC	ACC PN
M83513/22-F02CT	100RC37P-BST2
M83513/22-F02CW	100RC37P-BSPT2
M83513/22-F02KN	100RK37P-BS2
M83513/22-F02KP	100RK37P-BSP2
M83513/22-F02KT	100RK37P-BST2
M83513/22-F02KW	100RK37P-BSPT2
M83513/22-F02NN	100RN37P-BS2
M83513/22-F02NP	100RN37P-BSP2
M83513/22-F02NT	100RN37P-BST2
M83513/22-F02NW	100RN37P-BSPT2
M83513/22-F02PN	104R37P-BS2
M83513/22-F02PP	104R37P-BSP2
M83513/22-F02PT	104R37P-BST2
M83513/22-F02PW	104R37P-BSPT2
M83513/22-F02TP	100RT37P-BSP2
M83513/22-F02TN	100RT37P-BS2
M83513/22-F02TT	100RT37P-BST2
M83513/22-F02TW	100RT37P-BSPT2
M83513/22-F03AP	100RL37P-BSP3
M83513/22-F03AN	100RL37P-BS3
M83513/22-F03AT	100RL37P-BST3
M83513/22-F03AW	100RL37P-BSPT3
M83513/22-F03CN	100RC37P-BS3
M83513/22-F03CP	100RC37P-BSP3
M83513/22-F03CT	100RC37P-BST3
M83513/22-F03CW	100RC37P-BSPT3
M83513/22-F03KN	100RK37P-BS3
M83513/22-F03KP	100RK37P-BSP3
M83513/22-F03KT	100RK37P-BST3
M83513/22-F03KW	100RK37P-BSPT3
M83513/22-F03NN	100RN37P-BS3
M83513/22-F03NP	100RN37P-BSP3
M83513/22-F03NT	100RN37P-BST3
M83513/22-F03NW	100RN37P-BSPT3
M83513/22-F03PN	104R37P-BS3
M83513/22-F03PP	104R37P-BSP3
M83513/22-F03PT	104R37P-BST3
M83513/22-F03PW	104R37P-BSPT3
M83513/22-F03TP	100RT37P-BSP3
M83513/22-F03TN	100RT37P-BS3
M83513/22-F03TT	100RT37P-BST3
M83513/22-F03TW	100RT37P-BSPT3
M83513/23-G01AP	100RL51P-BSP1
M83513/23-G01AN	100RL51P-BS1
M83513/23-G01AT	100RL51P-BST1
M83513/23-G01AW	100RL51P-BSPT1
M83513/23-G01CN	100RC51P-BS1
M83513/23-G01CP	100RC51P-BSP1
M83513/23-G01CT	100RC51P-BST1
M83513/23-G01CW	100RC51P-BSPT1
M83513/23-G01KN	100RK51P-BS1
M83513/23-G01KP	100RK51P-BSP1

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/23-G01KT	100RK51P-BST1
M83513/23-G01KW	100RK51P-BSPT1
M83513/23-G01NN	100RN51P-BS1
M83513/23-G01NP	100RN51P-BSP1
M83513/23-G01NT	100RN51P-BST1
M83513/23-G01NW	100RN51P-BSPT1
M83513/23-G01PN	104R51P-BS1
M83513/23-G01PP	104R51P-BSP1
M83513/23-G01PT	104R51P-BST1
M83513/23-G01PW	104R51P-BSPT1
M83513/23-G01TP	100RT51P-BSP1
M83513/23-G01TN	100RT51P-BS1
M83513/23-G01TT	100RT51P-BST1
M83513/23-G01TW	100RT51P-BSPT1
M83513/23-G02AP	100RL51P-BSP2
M83513/23-G02AN	100RL51P-BS2
M83513/23-G02AT	100RL51P-BST2
M83513/23-G02AW	100RL51P-BSPT2
M83513/23-G02CN	100RC51P-BS2
M83513/23-G02CP	100RC51P-BSP2
M83513/23-G02CT	100RC51P-BST2
M83513/23-G02CW	100RC51P-BSPT2
M83513/23-G02KN	100RK51P-BS2
M83513/23-G02KP	100RK51P-BSP2
M83513/23-G02KT	100RK51P-BST2
M83513/23-G02KW	100RK51P-BSPT2
M83513/23-G02NN	100RN51P-BS2
M83513/23-G02NP	100RN51P-BSP2
M83513/23-G02NT	100RN51P-BST2
M83513/23-G02NW	100RN51P-BSPT2
M83513/23-G02PN	104R51P-BS2
M83513/23-G02PP	104R51P-BSP2
M83513/23-G02PT	104R51P-BST2
M83513/23-G02PW	104R51P-BSPT2
M83513/23-G02TP	100RT51P-BSP2
M83513/23-G02TN	100RT51P-BS2
M83513/23-G02TT	100RT51P-BST2
M83513/23-G02TW	100RT51P-BSPT2
M83513/23-G03AP	100RL51P-BSP3
M83513/23-G03AN	100RL51P-BS3
M83513/23-G03AT	100RL51P-BST3
M83513/23-G03AW	100RL51P-BSPT3
M83513/23-G03CN	100RC51P-BS3
M83513/23-G03CP	100RC51P-BSP3
M83513/23-G03CT	100RC51P-BST3
M83513/23-G03CW	100RC51P-BSPT3
M83513/23-G03KN	100RK51P-BS3
M83513/23-G03KP	100RK51P-BSP3
M83513/23-G03KT	100RK51P-BST3
M83513/23-G03KW	100RK51P-BSPT3
M83513/23-G03NN	100RN51P-BS3
M83513/23-G03NP	100RN51P-BSP3

MIL SPEC	ACC PN
M83513/23-G03NT	100RN51P-BST3
M83513/23-G03NW	100RN51P-BSPT3
M83513/23-G03PN	104R51P-BS3
M83513/23-G03PP	104R51P-BSP3
M83513/23-G03PT	104R51P-BST3
M83513/23-G03PW	104R51P-BSPT3
M83513/23-G03TP	100RT51P-BSP3
M83513/23-G03TN	100RT51P-BS3
M83513/23-G03TT	100RT51P-BST3
M83513/23-G03TW	100RT51P-BSPT3
M83513/24-H01AP	100RL100P-BSP1
M83513/24-H01AN	100RL100P-BS1
M83513/24-H01AU	100RL100P-BSU1
M83513/24-H01AY	100RL100P-BSPU1
M83513/24-H01CN	100RC100P-BS1
M83513/24-H01CP	100RC100P-BSP1
M83513/24-H01CU	100RC100P-BSU1
M83513/24-H01CY	100RC100P-BSPU1
M83513/24-H01KN	100RK100P-BS1
M83513/24-H01KP	100RK100P-BSP1
M83513/24-H01KU	100RK100P-BSU1
M83513/24-H01KY	100RK100P-BSPU1
M83513/24-H01NN	100RN100P-BS1
M83513/24-H01NP	100RN100P-BSP1
M83513/24-H01NU	100RN100P-BSU1
M83513/24-H01NY	100RN100P-BSPU1
M83513/24-H01PN	104R100P-BS1
M83513/24-H01PP	104R100P-BSP1
M83513/24-H01PU	104R100P-BSU1
M83513/24-H01PY	104R100P-BSPU1
M83513/24-H01TP	100RT100P-BSP1
M83513/24-H01TN	100RT100P-BS1
M83513/24-H01TU	100RT100P-BSU1
M83513/24-H01TY	100RT100P-BSPU1
M83513/24-H02AP	100RL100P-BSP2
M83513/24-H02AN	100RL100P-BS2
M83513/24-H02AU	100RL100P-BSU2
M83513/24-H02AY	100RL100P-BSPU2
M83513/24-H02CN	100RC100P-BS2
M83513/24-H02CP	100RC100P-BSP2
M83513/24-H02CU	100RC100P-BSU2
M83513/24-H02CY	100RC100P-BSPU2
M83513/24-H02KN	100RK100P-BS2
M83513/24-H02KP	100RK100P-BSP2
M83513/24-H02KU	100RK100P-BSU2
M83513/24-H02KY	100RK100P-BSPU2
M83513/24-H02NN	100RN100P-BS2
M83513/24-H02NP	100RN100P-BSP2
M83513/24-H02NU	100RN100P-BSU2
M83513/24-H02NY	100RN100P-BSPU2
M83513/24-H02PN	104R100P-BS2
M83513/24-H02PP	104R100P-BSP2

MIL SPEC	ACC PN
M83513/24-H02PU	104R100P-BSU2
M83513/24-H02PY	104R100P-BSPU2
M83513/24-H02TP	100RT100P-BSP2
M83513/24-H02TN	100RT100P-BS2
M83513/24-H02TU	100RT100P-BSU2
M83513/24-H02TY	100RT100P-BSPU2
M83513/24-H03AP	100RL100P-BSP3
M83513/24-H03AN	100RL100P-BS3
M83513/24-H03AU	100RL100P-BSU3
M83513/24-H03AY	100RL100P-BSPU3
M83513/24-H03CN	100RC100P-BS3
M83513/24-H03CP	100RC100P-BSP3
M83513/24-H03CU	100RC100P-BSU3
M83513/24-H03CY	100RC100P-BSPU3
M83513/24-H03KN	100RK100P-BS3
M83513/24-H03KP	100RK100P-BSP3
M83513/24-H03KU	100RK100P-BSU3
M83513/24-H03KY	100RK100P-BSPU3
M83513/24-H03NN	100RN100P-BS3
M83513/24-H03NP	100RN100P-BSP3
M83513/24-H03NU	100RN100P-BSU3
M83513/24-H03NY	100RN100P-BSPU3
M83513/24-H03PN	104R100P-BS3
M83513/24-H03PP	104R100P-BSP3
M83513/24-H03PU	104R100P-BSU3
M83513/24-H03PY	104R100P-BSPU3
M83513/24-H03TP	100RT100P-BSP3
M83513/24-H03TN	100RT100P-BS3
M83513/24-H03TU	100RT100P-BSU3
M83513/24-H03TY	100RT100P-BSPU3
M83513/25-A01AP	100RL09S-BSP1
M83513/25-A01AN	100RL09S-BS1
M83513/25-A01AT	100RL09S-BST1
M83513/25-A01AW	100RL09S-BSPT1
M83513/25-A01CN	100RC09S-BS1
M83513/25-A01CP	100RC09S-BSP1
M83513/25-A01CT	100RC09S-BST1
M83513/25-A01CW	100RC09S-BSPT1
M83513/25-A01KN	100RK09S-BS1
M83513/25-A01KP	100RK09S-BSP1
M83513/25-A01KT	100RK09S-BST1
M83513/25-A01KW	100RK09S-BSPT1
M83513/25-A01NN	100RN09S-BS1
M83513/25-A01NP	100RN09S-BSP1
M83513/25-A01NT	100RN09S-BST1
M83513/25-A01NW	100RN09S-BSPT1
M83513/25-A01PN	104R09S-BS1
M83513/25-A01PP	104R09S-BSP1
M83513/25-A01PT	104R09S-BST1
M83513/25-A01PW	104R09S-BSPT1
M83513/25-A01TP	100RT09S-BSP1
M83513/25-A01TN	100RT09S-BS1

MIL SPEC	ACC PN
M83513/25-A01TT	100RT09S-BST1
M83513/25-A01TW	100RT09S-BSPT1
M83513/25-A02AP	100RL09S-BSP2
M83513/25-A02AN	100RL09S-BS2
M83513/25-A02AT	100RL09S-BST2
M83513/25-A02AW	100RL09S-BSPT2
M83513/25-A02CN	100RC09S-BS2
M83513/25-A02CP	100RC09S-BSP2
M83513/25-A02CT	100RC09S-BST2
M83513/25-A02CW	100RC09S-BSPT2
M83513/25-A02KN	100RK09S-BS2
M83513/25-A02KP	100RK09S-BSP2
M83513/25-A02KT	100RK09S-BST2
M83513/25-A02KW	100RK09S-BSPT2
M83513/25-A02NN	100RN09S-BS2
M83513/25-A02NP	100RN09S-BSP2
M83513/25-A02NT	100RN09S-BST2
M83513/25-A02NW	100RN09S-BSPT2
M83513/25-A02PN	104R09S-BS2
M83513/25-A02PP	104R09S-BSP2
M83513/25-A02PT	104R09S-BST2
M83513/25-A02PW	104R09S-BSPT2
M83513/25-A02TP	100RT09S-BSP2
M83513/25-A02TN	100RT09S-BS2
M83513/25-A02TT	100RT09S-BST2
M83513/25-A02TW	100RT09S-BSPT2
M83513/25-A03AP	100RL09S-BSP3
M83513/25-A03AN	100RL09S-BS3
M83513/25-A03AT	100RL09S-BST3
M83513/25-A03AW	100RL09S-BSPT3
M83513/25-A03CN	100RC09S-BS3
M83513/25-A03CP	100RC09S-BSP3
M83513/25-A03CT	100RC09S-BST3
M83513/25-A03CW	100RC09S-BSPT3
M83513/25-A03KN	100RK09S-BS3
M83513/25-A03KP	100RK09S-BSP3
M83513/25-A03KT	100RK09S-BST3
M83513/25-A03KW	100RK09S-BSPT3
M83513/25-A03NN	100RN09S-BS3
M83513/25-A03NP	100RN09S-BSP3
M83513/25-A03NT	100RN09S-BST3
M83513/25-A03NW	100RN09S-BSPT3
M83513/25-A03PN	104R09S-BS3
M83513/25-A03PP	104R09S-BSP3
M83513/25-A03PT	104R09S-BST3
M83513/25-A03PW	104R09S-BSPT3
M83513/25-A03TP	100RT09S-BSP3
M83513/25-A03TN	100RT09S-BS3
M83513/25-A03TT	100RT09S-BST3
M83513/25-A03TW	100RT09S-BSPT3
M83513/25-B01AP	100RL15S-BSP1
M83513/25-B01AN	100RL15S-BS1

MIL SPEC	ACC PN
M83513/25-B01AT	100RL15S-BST1
M83513/25-B01AW	100RL15S-BSPT1
M83513/25-B01CN	100RC15S-BS1
M83513/25-B01CP	100RC15S-BSP1
M83513/25-B01CT	100RC15S-BST1
M83513/25-B01CW	100RC15S-BSPT1
M83513/25-B01KN	100RK15S-BS1
M83513/25-B01KP	100RK15S-BSP1
M83513/25-B01KT	100RK15S-BST1
M83513/25-B01KW	100RK15S-BSPT1
M83513/25-B01NN	100RN15S-BS1
M83513/25-B01NP	100RN15S-BSP1
M83513/25-B01NT	100RN15S-BST1
M83513/25-B01NW	100RN15S-BSPT1
M83513/25-B01PN	104R15S-BS1
M83513/25-B01PP	104R15S-BSP1
M83513/25-B01PT	104R15S-BST1
M83513/25-B01PW	104R15S-BSPT1
M83513/25-B01TP	100RT15S-BSP1
M83513/25-B01TN	100RT15S-BS1
M83513/25-B01TT	100RT15S-BST1
M83513/25-B01TW	100RT15S-BSPT1
M83513/25-B02AP	100RL15S-BSP2
M83513/25-B02AN	100RL15S-BS2
M83513/25-B02AT	100RL15S-BST2
M83513/25-B02AW	100RL15S-BSPT2
M83513/25-B02CN	100RC15S-BS2
M83513/25-B02CP	100RC15S-BSP2
M83513/25-B02CT	100RC15S-BST2
M83513/25-B02CW	100RC15S-BSPT2
M83513/25-B02KN	100RK15S-BS2
M83513/25-B02KP	100RK15S-BSP2
M83513/25-B02KT	100RK15S-BST2
M83513/25-B02KW	100RK15S-BSPT2
M83513/25-B02NN	100RN15S-BS2
M83513/25-B02NP	100RN15S-BSP2
M83513/25-B02NT	100RN15S-BST2
M83513/25-B02NW	100RN15S-BSPT2
M83513/25-B02PN	104R15S-BS2
M83513/25-B02PP	104R15S-BSP2
M83513/25-B02PT	104R15S-BST2
M83513/25-B02PW	104R15S-BSPT2
M83513/25-B02TP	100RT15S-BSP2
M83513/25-B02TN	100RT15S-BS2
M83513/25-B02TT	100RT15S-BST2
M83513/25-B02TW	100RT15S-BSPT2
M83513/25-B03AP	100RL15S-BSP3
M83513/25-B03AN	100RL15S-BS3
M83513/25-B03AT	100RL15S-BST3
M83513/25-B03AW	100RL15S-BSPT3
M83513/25-B03CN	100RC15S-BS3
M83513/25-B03CP	100RC15S-BSP3

MIL SPEC	ACC PN
M83513/25-B03CT	100RC15S-BST3
M83513/25-B03CW	100RC15S-BSPT3
M83513/25-B03KN	100RK15S-BS3
M83513/25-B03KP	100RK15S-BSP3
M83513/25-B03KT	100RK15S-BST3
M83513/25-B03KW	100RK15S-BSPT3
M83513/25-B03NN	100RN15S-BS3
M83513/25-B03NP	100RN15S-BSP3
M83513/25-B03NT	100RN15S-BST3
M83513/25-B03NW	100RN15S-BSPT3
M83513/25-B03PN	104R15S-BS3
M83513/25-B03PP	104R15S-BSP3
M83513/25-B03PT	104R15S-BST3
M83513/25-B03PW	104R15S-BSPT3
M83513/25-B03TP	100RT15S-BSP3
M83513/25-B03TN	100RT15S-BS3
M83513/25-B03TT	100RT15S-BST3
M83513/25-B03TW	100RT15S-BSPT3
M83513/25-C01AP	100RL21S-BSP1
M83513/25-C01AN	100RL21S-BS1
M83513/25-C01AT	100RL21S-BST1
M83513/25-C01AW	100RL21S-BSPT1
M83513/25-C01CN	100RC21S-BS1
M83513/25-C01CP	100RC21S-BSP1
M83513/25-C01CT	100RC21S-BST1
M83513/25-C01CW	100RC21S-BSPT1
M83513/25-C01KN	100RK21S-BS1
M83513/25-C01KP	100RK21S-BSP1
M83513/25-C01KT	100RK21S-BST1
M83513/25-C01KW	100RK21S-BSPT1
M83513/25-C01NN	100RN21S-BS1
M83513/25-C01NP	100RN21S-BSP1
M83513/25-C01NT	100RN21S-BST1
M83513/25-C01NW	100RN21S-BSPT1
M83513/25-C01PN	104R21S-BS1
M83513/25-C01PP	104R21S-BSP1
M83513/25-C01PT	104R21S-BST1
M83513/25-C01PW	104R21S-BSPT1
M83513/25-C01TP	100RT21S-BSP1
M83513/25-C01TN	100RT21S-BS1
M83513/25-C01TT	100RT21S-BST1
M83513/25-C01TW	100RT21S-BSPT1
M83513/25-C02AP	100RL21S-BSP2
M83513/25-C02AN	100RL21S-BS2
M83513/25-C02AT	100RL21S-BST2
M83513/25-C02AW	100RL21S-BSPT2
M83513/25-C02CN	100RC21S-BS2
M83513/25-C02CP	100RC21S-BSP2
M83513/25-C02CT	100RC21S-BST2
M83513/25-C02CW	100RC21S-BSPT2
M83513/25-C02KN	100RK21S-BS2
M83513/25-C02KP	100RK21S-BSP2

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/25-C02KT	100RK21S-BST2
M83513/25-C02KW	100RK21S-BSPT2
M83513/25-C02NN	100RN21S-BS2
M83513/25-C02NP	100RN21S-BSP2
M83513/25-C02NT	100RN21S-BST2
M83513/25-C02NW	100RN21S-BSPT2
M83513/25-C02PN	104R21S-BS2
M83513/25-C02PP	104R21S-BSP2
M83513/25-C02PT	104R21S-BST2
M83513/25-C02PW	104R21S-BSPT2
M83513/25-C02TP	100RT21S-BSP2
M83513/25-C02TN	100RT21S-BS2
M83513/25-C02TT	100RT21S-BST2
M83513/25-C02TW	100RT21S-BSPT2
M83513/25-C03AP	100RL21S-BSP3
M83513/25-C03AN	100RL21S-BS3
M83513/25-C03AT	100RL21S-BST3
M83513/25-C03AW	100RL21S-BSPT3
M83513/25-C03CN	100RC21S-BS3
M83513/25-C03CP	100RC21S-BSP3
M83513/25-C03CT	100RC21S-BST3
M83513/25-C03CW	100RC21S-BSPT3
M83513/25-C03KN	100RK21S-BS3
M83513/25-C03KP	100RK21S-BSP3
M83513/25-C03KT	100RK21S-BST3
M83513/25-C03KW	100RK21S-BSPT3
M83513/25-C03NN	100RN21S-BS3
M83513/25-C03NP	100RN21S-BSP3
M83513/25-C03NT	100RN21S-BST3
M83513/25-C03NW	100RN21S-BSPT3
M83513/25-C03PN	104R21S-BS3
M83513/25-C03PP	104R21S-BSP3
M83513/25-C03PT	104R21S-BST3
M83513/25-C03PW	104R21S-BSPT3
M83513/25-C03TP	100RT21S-BSP3
M83513/25-C03TN	100RT21S-BS3
M83513/25-C03TT	100RT21S-BST3
M83513/25-C03TW	100RT21S-BSPT3
M83513/25-D01AP	100RL25S-BSP1
M83513/25-D01AN	100RL25S-BS1
M83513/25-D01AT	100RL25S-BST1
M83513/25-D01AW	100RL25S-BSPT1
M83513/25-D01CN	100RC25S-BS1
M83513/25-D01CP	100RC25S-BSP1
M83513/25-D01CT	100RC25S-BST1
M83513/25-D01CW	100RC25S-BSPT1
M83513/25-D01KN	100RK25S-BS1
M83513/25-D01KP	100RK25S-BSP1
M83513/25-D01KT	100RK25S-BST1
M83513/25-D01KW	100RK25S-BSPT1
M83513/25-D01NN	100RN25S-BS1
M83513/25-D01NP	100RN25S-BSP1

MIL SPEC	ACC PN
M83513/25-D01NT	100RN25S-BST1
M83513/25-D01NW	100RN25S-BSPT1
M83513/25-D01PN	104R25S-BS1
M83513/25-D01PP	104R25S-BSP1
M83513/25-D01PT	104R25S-BST1
M83513/25-D01PW	104R25S-BSPT1
M83513/25-D01TP	100RT25S-BSP1
M83513/25-D01TN	100RT25S-BS1
M83513/25-D01TT	100RT25S-BST1
M83513/25-D01TW	100RT25S-BSPT1
M83513/25-D02AP	100RL25S-BSP2
M83513/25-D02AN	100RL25S-BS2
M83513/25-D02AT	100RL25S-BST2
M83513/25-D02AW	100RL25S-BSPT2
M83513/25-D02CN	100RC25S-BS2
M83513/25-D02CP	100RC25S-BSP2
M83513/25-D02CT	100RC25S-BST2
M83513/25-D02CW	100RC25S-BSPT2
M83513/25-D02KN	100RK25S-BS2
M83513/25-D02KP	100RK25S-BSP2
M83513/25-D02KT	100RK25S-BST2
M83513/25-D02KW	100RK25S-BSPT2
M83513/25-D02NN	100RN25S-BS2
M83513/25-D02NP	100RN25S-BSP2
M83513/25-D02NT	100RN25S-BST2
M83513/25-D02NW	100RN25S-BSPT2
M83513/25-D02PN	104R25S-BS2
M83513/25-D02PP	104R25S-BSP2
M83513/25-D02PT	104R25S-BST2
M83513/25-D02PW	104R25S-BSPT2
M83513/25-D02TP	100RT25S-BSP2
M83513/25-D02TN	100RT25S-BS2
M83513/25-D02TT	100RT25S-BST2
M83513/25-D02TW	100RT25S-BSPT2
M83513/25-D03AP	100RL25S-BSP3
M83513/25-D03AN	100RL25S-BS3
M83513/25-D03AT	100RL25S-BST3
M83513/25-D03AW	100RL25S-BSPT3
M83513/25-D03CN	100RC25S-BS3
M83513/25-D03CP	100RC25S-BSP3
M83513/25-D03CT	100RC25S-BST3
M83513/25-D03CW	100RC25S-BSPT3
M83513/25-D03KN	100RK25S-BS3
M83513/25-D03KP	100RK25S-BSP3
M83513/25-D03KT	100RK25S-BST3
M83513/25-D03KW	100RK25S-BSPT3
M83513/25-D03NN	100RN25S-BS3
M83513/25-D03NP	100RN25S-BSP3
M83513/25-D03NT	100RN25S-BST3
M83513/25-D03NW	100RN25S-BSPT3
M83513/25-D03PN	104R25S-BS3
M83513/25-D03PP	104R25S-BSP3

MIL SPEC	ACC PN
M83513/25-D03PT	104R25S-BST3
M83513/25-D03PW	104R25S-BSPT3
M83513/25-D03TP	100RT25S-BSP3
M83513/25-D03TN	100RT25S-BS3
M83513/25-D03TT	100RT25S-BST3
M83513/25-D03TW	100RT25S-BSPT3
M83513/25-E01AP	100RL31S-BSP1
M83513/25-E01AN	100RL31S-BS1
M83513/25-E01AT	100RL31S-BST1
M83513/25-E01AW	100RL31S-BSPT1
M83513/25-E01CN	100RC31S-BS1
M83513/25-E01CP	100RC31S-BSP1
M83513/25-E01CT	100RC31S-BST1
M83513/25-E01CW	100RC31S-BSPT1
M83513/25-E01KN	100RK31S-BS1
M83513/25-E01KP	100RK31S-BSP1
M83513/25-E01KT	100RK31S-BST1
M83513/25-E01KW	100RK31S-BSPT1
M83513/25-E01NN	100RN31S-BS1
M83513/25-E01NP	100RN31S-BSP1
M83513/25-E01NT	100RN31S-BST1
M83513/25-E01NW	100RN31S-BSPT1
M83513/25-E01PN	104R31S-BS1
M83513/25-E01PP	104R31S-BSP1
M83513/25-E01PT	104R31S-BST1
M83513/25-E01PW	104R31S-BSPT1
M83513/25-E01TP	100RT31S-BSP1
M83513/25-E01TN	100RT31S-BS1
M83513/25-E01TT	100RT31S-BST1
M83513/25-E01TW	100RT31S-BSPT1
M83513/25-E02AP	100RL31S-BSP2
M83513/25-E02AN	100RL31S-BS2
M83513/25-E02AT	100RL31S-BST2
M83513/25-E02AW	100RL31S-BSPT2
M83513/25-E02CN	100RC31S-BS2
M83513/25-E02CP	100RC31S-BSP2
M83513/25-E02CT	100RC31S-BST2
M83513/25-E02CW	100RC31S-BSPT2
M83513/25-E02KN	100RK31S-BS2
M83513/25-E02KP	100RK31S-BSP2
M83513/25-E02KT	100RK31S-BST2
M83513/25-E02KW	100RK31S-BSPT2
M83513/25-E02NN	100RN31S-BS2
M83513/25-E02NP	100RN31S-BSP2
M83513/25-E02NT	100RN31S-BST2
M83513/25-E02NW	100RN31S-BSPT2
M83513/25-E02PN	104R31S-BS2
M83513/25-E02PP	104R31S-BSP2
M83513/25-E02PT	104R31S-BST2
M83513/25-E02PW	104R31S-BSPT2
M83513/25-E02TP	100RT31S-BSP2
M83513/25-E02TN	100RT31S-BS2

MIL SPEC	ACC PN
M83513/25-E02TT	100RT31S-BST2
M83513/25-E02TW	100RT31S-BSPT2
M83513/25-E03AP	100RL31S-BSP3
M83513/25-E03AN	100RL31S-BS3
M83513/25-E03AT	100RL31S-BST3
M83513/25-E03AW	100RL31S-BSPT3
M83513/25-E03CN	100RC31S-BS3
M83513/25-E03CP	100RC31S-BSP3
M83513/25-E03CT	100RC31S-BST3
M83513/25-E03CW	100RC31S-BSPT3
M83513/25-E03KN	100RK31S-BS3
M83513/25-E03KP	100RK31S-BSP3
M83513/25-E03KT	100RK31S-BST3
M83513/25-E03KW	100RK31S-BSPT3
M83513/25-E03NN	100RN31S-BS3
M83513/25-E03NP	100RN31S-BSP3
M83513/25-E03NT	100RN31S-BST3
M83513/25-E03NW	100RN31S-BSPT3
M83513/25-E03PN	104R31S-BS3
M83513/25-E03PP	104R31S-BSP3
M83513/25-E03PT	104R31S-BST3
M83513/25-E03PW	104R31S-BSPT3
M83513/25-E03TP	100RT31S-BSP3
M83513/25-E03TN	100RT31S-BS3
M83513/25-E03TT	100RT31S-BST3
M83513/25-E03TW	100RT31S-BSPT3
M83513/25-F01AP	100RL37S-BSP1
M83513/25-F01AN	100RL37S-BS1
M83513/25-F01AT	100RL37S-BST1
M83513/25-F01AW	100RL37S-BSPT1
M83513/25-F01CN	100RC37S-BS1
M83513/25-F01CP	100RC37S-BSP1
M83513/25-F01CT	100RC37S-BST1
M83513/25-F01CW	100RC37S-BSPT1
M83513/25-F01KN	100RK37S-BS1
M83513/25-F01KP	100RK37S-BSP1
M83513/25-F01KT	100RK37S-BST1
M83513/25-F01KW	100RK37S-BSPT1
M83513/25-F01NN	100RN37S-BS1
M83513/25-F01NP	100RN37S-BSP1
M83513/25-F01NT	100RN37S-BST1
M83513/25-F01NW	100RN37S-BSPT1
M83513/25-F01PN	104R37S-BS1
M83513/25-F01PP	104R37S-BSP1
M83513/25-F01PT	104R37S-BST1
M83513/25-F01PW	104R37S-BSPT1
M83513/25-F01TP	100RT37S-BSP1
M83513/25-F01TN	100RT37S-BS1
M83513/25-F01TT	100RT37S-BST1
M83513/25-F01TW	100RT37S-BSPT1
M83513/25-F02AP	100RL37S-BSP2
M83513/25-F02AN	100RL37S-BS2

MIL SPEC	ACC PN
M83513/25-F02AT	100RL37S-BST2
M83513/25-F02AW	100RL37S-BSPT2
M83513/25-F02CN	100RC37S-BS2
M83513/25-F02CP	100RC37S-BSP2
M83513/25-F02CT	100RC37S-BST2
M83513/25-F02CW	100RC37S-BSPT2
M83513/25-F02KN	100RK37S-BS2
M83513/25-F02KP	100RK37S-BSP2
M83513/25-F02KT	100RK37S-BST2
M83513/25-F02KW	100RK37S-BSPT2
M83513/25-F02NN	100RN37S-BS2
M83513/25-F02NP	100RN37S-BSP2
M83513/25-F02NT	100RN37S-BST2
M83513/25-F02NW	100RN37S-BSPT2
M83513/25-F02PN	104R37S-BS2
M83513/25-F02PP	104R37S-BSP2
M83513/25-F02PT	104R37S-BST2
M83513/25-F02PW	104R37S-BSPT2
M83513/25-F02TP	100RT37S-BSP2
M83513/25-F02TN	100RT37S-BS2
M83513/25-F02TT	100RT37S-BST2
M83513/25-F02TW	100RT37S-BSPT2
M83513/25-F03AP	100RL37S-BSP3
M83513/25-F03AN	100RL37S-BS3
M83513/25-F03AT	100RL37S-BST3
M83513/25-F03AW	100RL37S-BSPT3
M83513/25-F03CN	100RC37S-BS3
M83513/25-F03CP	100RC37S-BSP3
M83513/25-F03CT	100RC37S-BST3
M83513/25-F03CW	100RC37S-BSPT3
M83513/25-F03KN	100RK37S-BS3
M83513/25-F03KP	100RK37S-BSP3
M83513/25-F03KT	100RK37S-BST3
M83513/25-F03KW	100RK37S-BSPT3
M83513/25-F03NN	100RN37S-BS3
M83513/25-F03NP	100RN37S-BSP3
M83513/25-F03NT	100RN37S-BST3
M83513/25-F03NW	100RN37S-BSPT3
M83513/25-F03PN	104R37S-BS3
M83513/25-F03PP	104R37S-BSP3
M83513/25-F03PT	104R37S-BST3
M83513/25-F03PW	104R37S-BSPT3
M83513/25-F03TP	100RT37S-BSP3
M83513/25-F03TN	100RT37S-BS3
M83513/25-F03TT	100RT37S-BST3
M83513/25-F03TW	100RT37S-BSPT3
M83513/26-G01AP	100RL51S-BSP1
M83513/26-G01AN	100RL51S-BS1
M83513/26-G01AT	100RL51S-BST1
M83513/26-G01AW	100RL51S-BSPT1
M83513/26-G01CN	100RC51S-BS1
M83513/26-G01CP	100RC51S-BSP1

MIL SPEC	ACC PN
M83513/26-G01CT	100RC51S-BST1
M83513/26-G01CW	100RC51S-BSPT1
M83513/26-G01KN	100RK51S-BS1
M83513/26-G01KP	100RK51S-BSP1
M83513/26-G01KT	100RK51S-BST1
M83513/26-G01KW	100RK51S-BSPT1
M83513/26-G01NN	100RN51S-BS1
M83513/26-G01NP	100RN51S-BSP1
M83513/26-G01NT	100RN51S-BST1
M83513/26-G01NW	100RN51S-BSPT1
M83513/26-G01PN	104R51S-BS1
M83513/26-G01PP	104R51S-BSP1
M83513/26-G01PT	104R51S-BST1
M83513/26-G01PW	104R51S-BSPT1
M83513/26-G01TP	100RT51S-BSP1
M83513/26-G01TN	100RT51S-BS1
M83513/26-G01TT	100RT51S-BST1
M83513/26-G01TW	100RT51S-BSPT1
M83513/26-G02AP	100RL51S-BSP2
M83513/26-G02AN	100RL51S-BS2
M83513/26-G02AT	100RL51S-BST2
M83513/26-G02AW	100RL51S-BSPT2
M83513/26-G02CN	100RC51S-BS2
M83513/26-G02CP	100RC51S-BSP2
M83513/26-G02CT	100RC51S-BST2
M83513/26-G02CW	100RC51S-BSPT2
M83513/26-G02KN	100RK51S-BS2
M83513/26-G02KP	100RK51S-BSP2
M83513/26-G02KT	100RK51S-BST2
M83513/26-G02KW	100RK51S-BSPT2
M83513/26-G02NN	100RN51S-BS2
M83513/26-G02NP	100RN51S-BSP2
M83513/26-G02NT	100RN51S-BST2
M83513/26-G02NW	100RN51S-BSPT2
M83513/26-G02PN	104R51S-BS2
M83513/26-G02PP	104R51S-BSP2
M83513/26-G02PT	104R51S-BST2
M83513/26-G02PW	104R51S-BSPT2
M83513/26-G02TP	100RT51S-BSP2
M83513/26-G02TN	100RT51S-BS2
M83513/26-G02TT	100RT51S-BST2
M83513/26-G02TW	100RT51S-BSPT2
M83513/26-G03AP	100RL51S-BSP3
M83513/26-G03AN	100RL51S-BS3
M83513/26-G03AT	100RL51S-BST3
M83513/26-G03AW	100RL51S-BSPT3
M83513/26-G03CN	100RC51S-BS3
M83513/26-G03CP	100RC51S-BSP3
M83513/26-G03CT	100RC51S-BST3
M83513/26-G03CW	100RC51S-BSPT3
M83513/26-G03KN	100RK51S-BS3
M83513/26-G03KP	100RK51S-BSP3

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/26-G03KT	100RK51S-BST3
M83513/26-G03KW	100RK51S-BSPT3
M83513/26-G03NN	100RN51S-BS3
M83513/26-G03NP	100RN51S-BSP3
M83513/26-G03NT	100RN51S-BST3
M83513/26-G03NW	100RN51S-BSPT3
M83513/26-G03PN	104R51S-BS3
M83513/26-G03PP	104R51S-BSP3
M83513/26-G03PT	104R51S-BST3
M83513/26-G03PW	104R51S-BSPT3
M83513/26-G03TP	100RT51S-BSP3
M83513/26-G03TN	100RT51S-BS3
M83513/26-G03TT	100RT51S-BST3
M83513/26-G03TW	100RT51S-BSPT3
M83513/27-H01AP	100RL100S-BSP1
M83513/27-H01AN	100RL100S-BS1
M83513/27-H01AU	100RL100S-BSU1
M83513/27-H01AY	100RL100S-BSPU1
M83513/27-H01CN	100RC100S-BS1
M83513/27-H01CP	100RC100S-BSP1
M83513/27-H01CU	100RC100S-BSU1
M83513/27-H01CY	100RC100S-BSPU1
M83513/27-H01KN	100RK100S-BS1
M83513/27-H01KP	100RK100S-BSP1
M83513/27-H01KU	100RK100S-BSU1
M83513/27-H01KY	100RK100S-BSPU1
M83513/27-H01NN	100RN100S-BS1
M83513/27-H01NP	100RN100S-BSP1
M83513/27-H01NU	100RN100S-BSU1
M83513/27-H01NY	100RN100S-BSPU1
M83513/27-H01PN	104R100S-BS1
M83513/27-H01PP	104R100S-BSP1
M83513/27-H01PU	104R100S-BSU1
M83513/27-H01PY	104R100S-BSPU1
M83513/27-H01TP	100RT100S-BSP1
M83513/27-H01TN	100RT100S-BS1
M83513/27-H01TU	100RT100S-BSU1
M83513/27-H01TY	100RT100S-BSPU1
M83513/27-H02AP	100RL100S-BSP2
M83513/27-H02AN	100RL100S-BS2
M83513/27-H02AU	100RL100S-BSU2
M83513/27-H02AY	100RL100S-BSPU2
M83513/27-H02CN	100RC100S-BS2
M83513/27-H02CP	100RC100S-BSP2
M83513/27-H02CU	100RC100S-BSU2
M83513/27-H02CY	100RC100S-BSPU2
M83513/27-H02KN	100RK100S-BS2
M83513/27-H02KP	100RK100S-BSP2
M83513/27-H02KU	100RK100S-BSU2
M83513/27-H02KY	100RK100S-BSPU2
M83513/27-H02NN	100RN100S-BS2
M83513/27-H02NP	100RN100S-BSP2
M83513/27-H02NU	100RN100S-BSU2
M83513/27-H02NY	100RN100S-BSPU2
M83513/27-H02PN	104R100S-BS2
M83513/27-H02PP	104R100S-BSP2
M83513/27-H02PU	104R100S-BSU2
M83513/27-H02PY	104R100S-BSPU2
M83513/27-H02TP	100RT100S-BSP2
M83513/27-H02TN	100RT100S-BS2
M83513/27-H02TU	100RT100S-BSU2
M83513/27-H02TY	100RT100S-BSPU2
M83513/27-H03AP	100RL100S-BSP3
M83513/27-H03AN	100RL100S-BS3
M83513/27-H03AU	100RL100S-BSU3
M83513/27-H03AY	100RL100S-BSPU3
M83513/27-H03CN	100RC100S-BS3
M83513/27-H03CP	100RC100S-BSP3
M83513/27-H03CU	100RC100S-BSU3
M83513/27-H03CY	100RC100S-BSPU3
M83513/27-H03KN	100RK100S-BS3
M83513/27-H03KP	100RK100S-BSP3
M83513/27-H03KU	100RK100S-BSU3
M83513/27-H03KY	100RK100S-BSPU3
M83513/27-H03NN	100RN100S-BS3
M83513/27-H03NP	100RN100S-BSP3
M83513/27-H03NU	100RN100S-BSU3
M83513/27-H03NY	100RN100S-BSPU3
M83513/27-H03PN	104R100S-BS3
M83513/27-H03PP	104R100S-BSP3
M83513/27-H03PU	104R100S-BSU3
M83513/27-H03PY	104R100S-BSPU3
M83513/27-H03TP	100RT100S-BSP3
M83513/27-H03TN	100RT100S-BS3
M83513/27-H03TU	100RT100S-BSU3
M83513/27-H03TY	100RT100S-BSPU3
M83513/28-A01AP	100RL09P-C6P1
M83513/28-A01AN	100RL09P-C61
M83513/28-A01AT	100RL09P-C6T1
M83513/28-A01AW	100RL09P-C6PT1
M83513/28-A01CN	100RC09P-C61
M83513/28-A01CP	100RC09P-C6P1
M83513/28-A01CT	100RC09P-C6T1
M83513/28-A01CW	100RC09P-C6PT1
M83513/28-A01KN	100RK09P-C61
M83513/28-A01KP	100RK09P-C6P1
M83513/28-A01KT	100RK09P-C6T1
M83513/28-A01KW	100RK09P-C6PT1
M83513/28-A01NN	100RN09P-C61
M83513/28-A01NP	100RN09P-C6P1
M83513/28-A01NT	100RN09P-C6T1
M83513/28-A01NW	100RN09P-C6PT1
M83513/28-A01PN	104R09P-C61
M83513/28-A01PP	104R09P-C6P1
M83513/28-A01PT	104R09P-C6T1
M83513/28-A01PW	104R09P-C6PT1
M83513/28-A01TP	100RT09P-C6P1
M83513/28-A01TN	100RT09P-C61
M83513/28-A01TT	100RT09P-C6T1
M83513/28-A01TW	100RT09P-C6PT1
M83513/28-A02AP	100RL09P-C6P2
M83513/28-A02AN	100RL09P-C62
M83513/28-A02AT	100RL09P-C6T2
M83513/28-A02AW	100RL09P-C6PT2
M83513/28-A02CN	100RC09P-C62
M83513/28-A02CP	100RC09P-C6P2
M83513/28-A02CT	100RC09P-C6T2
M83513/28-A02CW	100RC09P-C6PT2
M83513/28-A02KN	100RK09P-C62
M83513/28-A02KP	100RK09P-C6P2
M83513/28-A02KT	100RK09P-C6T2
M83513/28-A02KW	100RK09P-C6PT2
M83513/28-A02NN	100RN09P-C62
M83513/28-A02NP	100RN09P-C6P2
M83513/28-A02NT	100RN09P-C6T2
M83513/28-A02NW	100RN09P-C6PT2
M83513/28-A02PN	104R09P-C62
M83513/28-A02PP	104R09P-C6P2
M83513/28-A02PT	104R09P-C6T2
M83513/28-A02PW	104R09P-C6PT2
M83513/28-A02TP	100RT09P-C6P2
M83513/28-A02TN	100RT09P-C62
M83513/28-A02TT	100RT09P-C6T2
M83513/28-A02TW	100RT09P-C6PT2
M83513/28-A03AP	100RL09P-C6P3
M83513/28-A03AN	100RL09P-C63
M83513/28-A03AT	100RL09P-C6T3
M83513/28-A03AW	100RL09P-C6PT3
M83513/28-A03CN	100RC09P-C63
M83513/28-A03CP	100RC09P-C6P3
M83513/28-A03CT	100RC09P-C6T3
M83513/28-A03CW	100RC09P-C6PT3
M83513/28-A03KN	100RK09P-C63
M83513/28-A03KP	100RK09P-C6P3
M83513/28-A03KT	100RK09P-C6T3
M83513/28-A03KW	100RK09P-C6PT3
M83513/28-A03NN	100RN09P-C63
M83513/28-A03NP	100RN09P-C6P3
M83513/28-A03NT	100RN09P-C6T3
M83513/28-A03NW	100RN09P-C6PT3
M83513/28-A03PN	104R09P-C63
M83513/28-A03PP	104R09P-C6P3
M83513/28-A03PT	104R09P-C6T3
M83513/28-A03PW	104R09P-C6PT3
M83513/28-A03TP	100RT09P-C6P3
M83513/28-A03TN	100RT09P-C63

MIL SPEC	ACC PN
M83513/28-A03TT	100RT09P-C6T3
M83513/28-A03TW	100RT09P-C6PT3
M83513/28-B01AP	100RL15P-C6P1
M83513/28-B01AN	100RL15P-C61
M83513/28-B01AT	100RL15P-C6T1
M83513/28-B01AW	100RL15P-C6PT1
M83513/28-B01CN	100RC15P-C61
M83513/28-B01CP	100RC15P-C6P1
M83513/28-B01CT	100RC15P-C6T1
M83513/28-B01CW	100RC15P-C6PT1
M83513/28-B01KN	100RK15P-C61
M83513/28-B01KP	100RK15P-C6P1
M83513/28-B01KT	100RK15P-C6T1
M83513/28-B01KW	100RK15P-C6PT1
M83513/28-B01NN	100RN15P-C61
M83513/28-B01NP	100RN15P-C6P1
M83513/28-B01NT	100RN15P-C6T1
M83513/28-B01NW	100RN15P-C6PT1
M83513/28-B01PN	104R15P-C61
M83513/28-B01PP	104R15P-C6P1
M83513/28-B01PT	104R15P-C6T1
M83513/28-B01PW	104R15P-C6PT1
M83513/28-B01TP	100RT15P-C6P1
M83513/28-B01TN	100RT15P-C61
M83513/28-B01TT	100RT15P-C6T1
M83513/28-B01TW	100RT15P-C6PT1
M83513/28-B02AP	100RL15P-C6P2
M83513/28-B02AN	100RL15P-C62
M83513/28-B02AT	100RL15P-C6T2
M83513/28-B02AW	100RL15P-C6PT2
M83513/28-B02CN	100RC15P-C62
M83513/28-B02CP	100RC15P-C6P2
M83513/28-B02CT	100RC15P-C6T2
M83513/28-B02CW	100RC15P-C6PT2
M83513/28-B02KN	100RK15P-C62
M83513/28-B02KP	100RK15P-C6P2
M83513/28-B02KT	100RK15P-C6T2
M83513/28-B02KW	100RK15P-C6PT2
M83513/28-B02NN	100RN15P-C62
M83513/28-B02NP	100RN15P-C6P2
M83513/28-B02NT	100RN15P-C6T2
M83513/28-B02NW	100RN15P-C6PT2
M83513/28-B02PN	104R15P-C62
M83513/28-B02PP	104R15P-C6P2
M83513/28-B02PT	104R15P-C6T2
M83513/28-B02PW	104R15P-C6PT2
M83513/28-B02TP	100RT15P-C6P2
M83513/28-B02TN	100RT15P-C62
M83513/28-B02TT	100RT15P-C6T2
M83513/28-B02TW	100RT15P-C6PT2
M83513/28-B03AP	100RL15P-C6P3
M83513/28-B03AN	100RL15P-C63

MIL SPEC	ACC PN
M83513/28-B03AT	100RL15P-C6T3
M83513/28-B03AW	100RL15P-C6PT3
M83513/28-B03CN	100RC15P-C63
M83513/28-B03CP	100RC15P-C6P3
M83513/28-B03CT	100RC15P-C6T3
M83513/28-B03CW	100RC15P-C6PT3
M83513/28-B03KN	100RK15P-C63
M83513/28-B03KP	100RK15P-C6P3
M83513/28-B03KT	100RK15P-C6T3
M83513/28-B03KW	100RK15P-C6PT3
M83513/28-B03NN	100RN15P-C63
M83513/28-B03NP	100RN15P-C6P3
M83513/28-B03NT	100RN15P-C6T3
M83513/28-B03NW	100RN15P-C6PT3
M83513/28-B03PN	104R15P-C63
M83513/28-B03PP	104R15P-C6P3
M83513/28-B03PT	104R15P-C6T3
M83513/28-B03PW	104R15P-C6PT3
M83513/28-B03TP	100RT15P-C6P3
M83513/28-B03TN	100RT15P-C63
M83513/28-B03TT	100RT15P-C6T3
M83513/28-B03TW	100RT15P-C6PT3
M83513/28-C01AP	100RL21P-C6P1
M83513/28-C01AN	100RL21P-C61
M83513/28-C01AT	100RL21P-C6T1
M83513/28-C01AW	100RL21P-C6PT1
M83513/28-C01CN	100RC21P-C61
M83513/28-C01CP	100RC21P-C6P1
M83513/28-C01CT	100RC21P-C6T1
M83513/28-C01CW	100RC21P-C6PT1
M83513/28-C01KN	100RK21P-C61
M83513/28-C01KP	100RK21P-C6P1
M83513/28-C01KT	100RK21P-C6T1
M83513/28-C01KW	100RK21P-C6PT1
M83513/28-C01NN	100RN21P-C61
M83513/28-C01NP	100RN21P-C6P1
M83513/28-C01NT	100RN21P-C6T1
M83513/28-C01NW	100RN21P-C6PT1
M83513/28-C01PN	104R21P-C61
M83513/28-C01PP	104R21P-C6P1
M83513/28-C01PT	104R21P-C6T1
M83513/28-C01PW	104R21P-C6PT1
M83513/28-C01TP	100RT21P-C6P1
M83513/28-C01TN	100RT21P-C61
M83513/28-C01TT	100RT21P-C6T1
M83513/28-C01TW	100RT21P-C6PT1
M83513/28-C02AP	100RL21P-C6P2
M83513/28-C02AN	100RL21P-C62
M83513/28-C02AT	100RL21P-C6T2
M83513/28-C02AW	100RL21P-C6PT2
M83513/28-C02CN	100RC21P-C62
M83513/28-C02CP	100RC21P-C6P2

MIL SPEC	ACC PN
M83513/28-C02CT	100RC21P-C6T2
M83513/28-C02CW	100RC21P-C6PT2
M83513/28-C02KN	100RK21P-C62
M83513/28-C02KP	100RK21P-C6P2
M83513/28-C02KT	100RK21P-C6T2
M83513/28-C02KW	100RK21P-C6PT2
M83513/28-C02NN	100RN21P-C62
M83513/28-C02NP	100RN21P-C6P2
M83513/28-C02NT	100RN21P-C6T2
M83513/28-C02NW	100RN21P-C6PT2
M83513/28-C02PN	104R21P-C62
M83513/28-C02PP	104R21P-C6P2
M83513/28-C02PT	104R21P-C6T2
M83513/28-C02PW	104R21P-C6PT2
M83513/28-C02TP	100RT21P-C6P2
M83513/28-C02TN	100RT21P-C62
M83513/28-C02TT	100RT21P-C6T2
M83513/28-C02TW	100RT21P-C6PT2
M83513/28-C03AP	100RL21P-C6P3
M83513/28-C03AN	100RL21P-C63
M83513/28-C03AT	100RL21P-C6T3
M83513/28-C03AW	100RL21P-C6PT3
M83513/28-C03CN	100RC21P-C63
M83513/28-C03CP	100RC21P-C6P3
M83513/28-C03CT	100RC21P-C6T3
M83513/28-C03CW	100RC21P-C6PT3
M83513/28-C03KN	100RK21P-C63
M83513/28-C03KP	100RK21P-C6P3
M83513/28-C03KT	100RK21P-C6T3
M83513/28-C03KW	100RK21P-C6PT3
M83513/28-C03NN	100RN21P-C63
M83513/28-C03NP	100RN21P-C6P3
M83513/28-C03NT	100RN21P-C6T3
M83513/28-C03NW	100RN21P-C6PT3
M83513/28-C03PN	104R21P-C63
M83513/28-C03PP	104R21P-C6P3
M83513/28-C03PT	104R21P-C6T3
M83513/28-C03PW	104R21P-C6PT3
M83513/28-C03TP	100RT21P-C6P3
M83513/28-C03TN	100RT21P-C63
M83513/28-C03TT	100RT21P-C6T3
M83513/28-C03TW	100RT21P-C6PT3
M83513/28-D01AP	100RL25P-C6P1
M83513/28-D01AN	100RL25P-C61
M83513/28-D01AT	100RL25P-C6T1
M83513/28-D01AW	100RL25P-C6PT1
M83513/28-D01CN	100RC25P-C61
M83513/28-D01CP	100RC25P-C6P1
M83513/28-D01CT	100RC25P-C6T1
M83513/28-D01CW	100RC25P-C6PT1
M83513/28-D01KN	100RK25P-C61
M83513/28-D01KP	100RK25P-C6P1

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/28-D01KT	100RK25P-C6T1
M83513/28-D01KW	100RK25P-C6PT1
M83513/28-D01NN	100RN25P-C61
M83513/28-D01NP	100RN25P-C6P1
M83513/28-D01NT	100RN25P-C6T1
M83513/28-D01NW	100RN25P-C6PT1
M83513/28-D01PN	104R25P-C61
M83513/28-D01PP	104R25P-C6P1
M83513/28-D01PT	104R25P-C6T1
M83513/28-D01PW	104R25P-C6PT1
M83513/28-D01TP	100RT25P-C6P1
M83513/28-D01TN	100RT25P-C61
M83513/28-D01TT	100RT25P-C6T1
M83513/28-D01TW	100RT25P-C6PT1
M83513/28-D02AP	100RL25P-C6P2
M83513/28-D02AN	100RL25P-C62
M83513/28-D02AT	100RL25P-C6T2
M83513/28-D02AW	100RL25P-C6PT2
M83513/28-D02CN	100RC25P-C62
M83513/28-D02CP	100RC25P-C6P2
M83513/28-D02CT	100RC25P-C6T2
M83513/28-D02CW	100RC25P-C6PT2
M83513/28-D02KN	100RK25P-C62
M83513/28-D02KP	100RK25P-C6P2
M83513/28-D02KT	100RK25P-C6T2
M83513/28-D02KW	100RK25P-C6PT2
M83513/28-D02NN	100RN25P-C62
M83513/28-D02NP	100RN25P-C6P2
M83513/28-D02NT	100RN25P-C6T2
M83513/28-D02NW	100RN25P-C6PT2
M83513/28-D02PN	104R25P-C62
M83513/28-D02PP	104R25P-C6P2
M83513/28-D02PT	104R25P-C6T2
M83513/28-D02PW	104R25P-C6PT2
M83513/28-D02TP	100RT25P-C6P2
M83513/28-D02TN	100RT25P-C62
M83513/28-D02TT	100RT25P-C6T2
M83513/28-D02TW	100RT25P-C6PT2
M83513/28-D03AP	100RL25P-C6P3
M83513/28-D03AN	100RL25P-C63
M83513/28-D03AT	100RL25P-C6T3
M83513/28-D03AW	100RL25P-C6PT3
M83513/28-D03CN	100RC25P-C63
M83513/28-D03CP	100RC25P-C6P3
M83513/28-D03CT	100RC25P-C6T3
M83513/28-D03CW	100RC25P-C6PT3
M83513/28-D03KN	100RK25P-C63
M83513/28-D03KP	100RK25P-C6P3
M83513/28-D03KT	100RK25P-C6T3
M83513/28-D03KW	100RK25P-C6PT3
M83513/28-D03NN	100RN25P-C63
M83513/28-D03NP	100RN25P-C6P3

MIL SPEC	ACC PN
M83513/28-D03NT	100RN25P-C6T3
M83513/28-D03NW	100RN25P-C6PT3
M83513/28-D03PN	104R25P-C63
M83513/28-D03PP	104R25P-C6P3
M83513/28-D03PT	104R25P-C6T3
M83513/28-D03PW	104R25P-C6PT3
M83513/28-D03TP	100RT25P-C6P3
M83513/28-D03TN	100RT25P-C63
M83513/28-D03TT	100RT25P-C6T3
M83513/28-D03TW	100RT25P-C6PT3
M83513/28-E01AP	100RL31P-C6P1
M83513/28-E01AN	100RL31P-C61
M83513/28-E01AT	100RL31P-C6T1
M83513/28-E01AW	100RL31P-C6PT1
M83513/28-E01CN	100RC31P-C61
M83513/28-E01CP	100RC31P-C6P1
M83513/28-E01CT	100RC31P-C6T1
M83513/28-E01CW	100RC31P-C6PT1
M83513/28-E01KN	100RK31P-C61
M83513/28-E01KP	100RK31P-C6P1
M83513/28-E01KT	100RK31P-C6T1
M83513/28-E01KW	100RK31P-C6PT1
M83513/28-E01NN	100RN31P-C61
M83513/28-E01NP	100RN31P-C6P1
M83513/28-E01NT	100RN31P-C6T1
M83513/28-E01NW	100RN31P-C6PT1
M83513/28-E01PN	104R31P-C61
M83513/28-E01PP	104R31P-C6P1
M83513/28-E01PT	104R31P-C6T1
M83513/28-E01PW	104R31P-C6PT1
M83513/28-E01TP	100RT31P-C6P1
M83513/28-E01TN	100RT31P-C61
M83513/28-E01TT	100RT31P-C6T1
M83513/28-E01TW	100RT31P-C6PT1
M83513/28-E02AP	100RL31P-C6P2
M83513/28-E02AN	100RL31P-C62
M83513/28-E02AT	100RL31P-C6T2
M83513/28-E02AW	100RL31P-C6PT2
M83513/28-E02CN	100RC31P-C62
M83513/28-E02CP	100RC31P-C6P2
M83513/28-E02CT	100RC31P-C6T2
M83513/28-E02CW	100RC31P-C6PT2
M83513/28-E02KN	100RK31P-C62
M83513/28-E02KP	100RK31P-C6P2
M83513/28-E02KT	100RK31P-C6T2
M83513/28-E02KW	100RK31P-C6PT2
M83513/28-E02NN	100RN31P-C62
M83513/28-E02NP	100RN31P-C6P2
M83513/28-E02NT	100RN31P-C6T2
M83513/28-E02NW	100RN31P-C6PT2
M83513/28-E02PN	104R31P-C62
M83513/28-E02PP	104R31P-C6P2

MIL SPEC	ACC PN
M83513/28-E02PT	104R31P-C6T2
M83513/28-E02PW	104R31P-C6PT2
M83513/28-E02TP	100RT31P-C6P2
M83513/28-E02TN	100RT31P-C62
M83513/28-E02TT	100RT31P-C6T2
M83513/28-E02TW	100RT31P-C6PT2
M83513/28-E03AP	100RL31P-C6P3
M83513/28-E03AN	100RL31P-C63
M83513/28-E03AT	100RL31P-C6T3
M83513/28-E03AW	100RL31P-C6PT3
M83513/28-E03CN	100RC31P-C63
M83513/28-E03CP	100RC31P-C6P3
M83513/28-E03CT	100RC31P-C6T3
M83513/28-E03CW	100RC31P-C6PT3
M83513/28-E03KN	100RK31P-C63
M83513/28-E03KP	100RK31P-C6P3
M83513/28-E03KT	100RK31P-C6T3
M83513/28-E03KW	100RK31P-C6PT3
M83513/28-E03NN	100RN31P-C63
M83513/28-E03NP	100RN31P-C6P3
M83513/28-E03NT	100RN31P-C6T3
M83513/28-E03NW	100RN31P-C6PT3
M83513/28-E03PN	104R31P-C63
M83513/28-E03PP	104R31P-C6P3
M83513/28-E03PT	104R31P-C6T3
M83513/28-E03PW	104R31P-C6PT3
M83513/28-E03TP	100RT31P-C6P3
M83513/28-E03TN	100RT31P-C63
M83513/28-E03TT	100RT31P-C6T3
M83513/28-E03TW	100RT31P-C6PT3
M83513/28-F01AP	100RL37P-C6P1
M83513/28-F01AN	100RL37P-C61
M83513/28-F01AT	100RL37P-C6T1
M83513/28-F01AW	100RL37P-C6PT1
M83513/28-F01CN	100RC37P-C61
M83513/28-F01CP	100RC37P-C6P1
M83513/28-F01CT	100RC37P-C6T1
M83513/28-F01CW	100RC37P-C6PT1
M83513/28-F01KN	100RK37P-C61
M83513/28-F01KP	100RK37P-C6P1
M83513/28-F01KT	100RK37P-C6T1
M83513/28-F01KW	100RK37P-C6PT1
M83513/28-F01NN	100RN37P-C61
M83513/28-F01NP	100RN37P-C6P1
M83513/28-F01NT	100RN37P-C6T1
M83513/28-F01NW	100RN37P-C6PT1
M83513/28-F01PN	104R37P-C61
M83513/28-F01PP	104R37P-C6P1
M83513/28-F01PT	104R37P-C6T1
M83513/28-F01PW	104R37P-C6PT1
M83513/28-F01TP	100RT37P-C6P1
M83513/28-F01TN	100RT37P-C61

MIL SPEC	ACC PN
M83513/28-F01TT	100RT37P-C6T1
M83513/28-F01TW	100RT37P-C6PT1
M83513/28-F02AP	100RL37P-C6P2
M83513/28-F02AN	100RL37P-C62
M83513/28-F02AT	100RL37P-C6T2
M83513/28-F02AW	100RL37P-C6PT2
M83513/28-F02CN	100RC37P-C62
M83513/28-F02CP	100RC37P-C6P2
M83513/28-F02CT	100RC37P-C6T2
M83513/28-F02CW	100RC37P-C6PT2
M83513/28-F02KN	100RK37P-C62
M83513/28-F02KP	100RK37P-C6P2
M83513/28-F02KT	100RK37P-C6T2
M83513/28-F02KW	100RK37P-C6PT2
M83513/28-F02NN	100RN37P-C62
M83513/28-F02NP	100RN37P-C6P2
M83513/28-F02NT	100RN37P-C6T2
M83513/28-F02NW	100RN37P-C6PT2
M83513/28-F02PN	104R37P-C62
M83513/28-F02PP	104R37P-C6P2
M83513/28-F02PT	104R37P-C6T2
M83513/28-F02PW	104R37P-C6PT2
M83513/28-F02TP	100RT37P-C6P2
M83513/28-F02TN	100RT37P-C62
M83513/28-F02TT	100RT37P-C6T2
M83513/28-F02TW	100RT37P-C6PT2
M83513/28-F03AP	100RL37P-C6P3
M83513/28-F03AN	100RL37P-C63
M83513/28-F03AT	100RL37P-C6T3
M83513/28-F03AW	100RL37P-C6PT3
M83513/28-F03CN	100RC37P-C63
M83513/28-F03CP	100RC37P-C6P3
M83513/28-F03CT	100RC37P-C6T3
M83513/28-F03CW	100RC37P-C6PT3
M83513/28-F03KN	100RK37P-C63
M83513/28-F03KP	100RK37P-C6P3
M83513/28-F03KT	100RK37P-C6T3
M83513/28-F03KW	100RK37P-C6PT3
M83513/28-F03NN	100RN37P-C63
M83513/28-F03NP	100RN37P-C6P3
M83513/28-F03NT	100RN37P-C6T3
M83513/28-F03NW	100RN37P-C6PT3
M83513/28-F03PN	104R37P-C63
M83513/28-F03PP	104R37P-C6P3
M83513/28-F03PT	104R37P-C6T3
M83513/28-F03PW	104R37P-C6PT3
M83513/28-F03TP	100RT37P-C6P3
M83513/28-F03TN	100RT37P-C63
M83513/28-F03TT	100RT37P-C6T3
M83513/28-F03TW	100RT37P-C6PT3
M83513/29-G01AP	100RL51P-C6P1
M83513/29-G01AN	100RL51P-C61

MIL SPEC	ACC PN
M83513/29-G01AT	100RL51P-C6T1
M83513/29-G01AW	100RL51P-C6PT1
M83513/29-G01CN	100RC51P-C61
M83513/29-G01CP	100RC51P-C6P1
M83513/29-G01CT	100RC51P-C6T1
M83513/29-G01CW	100RC51P-C6PT1
M83513/29-G01KN	100RK51P-C61
M83513/29-G01KP	100RK51P-C6P1
M83513/29-G01KT	100RK51P-C6T1
M83513/29-G01KW	100RK51P-C6PT1
M83513/29-G01NN	100RN51P-C61
M83513/29-G01NP	100RN51P-C6P1
M83513/29-G01NT	100RN51P-C6T1
M83513/29-G01NW	100RN51P-C6PT1
M83513/29-G01PN	104R51P-C61
M83513/29-G01PP	104R51P-C6P1
M83513/29-G01PT	104R51P-C6T1
M83513/29-G01PW	104R51P-C6PT1
M83513/29-G01TP	100RT51P-C6P1
M83513/29-G01TN	100RT51P-C61
M83513/29-G01TT	100RT51P-C6T1
M83513/29-G01TW	100RT51P-C6PT1
M83513/29-G02AP	100RL51P-C6P2
M83513/29-G02AN	100RL51P-C62
M83513/29-G02AT	100RL51P-C6T2
M83513/29-G02AW	100RL51P-C6PT2
M83513/29-G02CN	100RC51P-C62
M83513/29-G02CP	100RC51P-C6P2
M83513/29-G02CT	100RC51P-C6T2
M83513/29-G02CW	100RC51P-C6PT2
M83513/29-G02KN	100RK51P-C62
M83513/29-G02KP	100RK51P-C6P2
M83513/29-G02KT	100RK51P-C6T2
M83513/29-G02KW	100RK51P-C6PT2
M83513/29-G02NN	100RN51P-C62
M83513/29-G02NP	100RN51P-C6P2
M83513/29-G02NT	100RN51P-C6T2
M83513/29-G02NW	100RN51P-C6PT2
M83513/29-G02PN	104R51P-C62
M83513/29-G02PP	104R51P-C6P2
M83513/29-G02PT	104R51P-C6T2
M83513/29-G02PW	104R51P-C6PT2
M83513/29-G02TP	100RT51P-C6P2
M83513/29-G02TN	100RT51P-C62
M83513/29-G02TT	100RT51P-C6T2
M83513/29-G02TW	100RT51P-C6PT2
M83513/29-G03AP	100RL51P-C6P3
M83513/29-G03AN	100RL51P-C63
M83513/29-G03AT	100RL51P-C6T3
M83513/29-G03AW	100RL51P-C6PT3
M83513/29-G03CN	100RC51P-C63
M83513/29-G03CP	100RC51P-C6P3

MIL SPEC	ACC PN
M83513/29-G03CT	100RC51P-C6T3
M83513/29-G03CW	100RC51P-C6PT3
M83513/29-G03KN	100RK51P-C63
M83513/29-G03KP	100RK51P-C6P3
M83513/29-G03KT	100RK51P-C6T3
M83513/29-G03KW	100RK51P-C6PT3
M83513/29-G03NN	100RN51P-C63
M83513/29-G03NP	100RN51P-C6P3
M83513/29-G03NT	100RN51P-C6T3
M83513/29-G03NW	100RN51P-C6PT3
M83513/29-G03PN	104R51P-C63
M83513/29-G03PP	104R51P-C6P3
M83513/29-G03PT	104R51P-C6T3
M83513/29-G03PW	104R51P-C6PT3
M83513/29-G03TP	100RT51P-C6P3
M83513/29-G03TN	100RT51P-C63
M83513/29-G03TT	100RT51P-C6T3
M83513/29-G03TW	100RT51P-C6PT3
M83513/30-H01AP	100RL100P-C6P1
M83513/30-H01AN	100RL100P-C61
M83513/30-H01AU	100RL100P-C6U1
M83513/30-H01AY	100RL100P-C6PU1
M83513/30-H01CN	100RC100P-C61
M83513/30-H01CP	100RC100P-C6P1
M83513/30-H01CU	100RC100P-C6U1
M83513/30-H01CY	100RC100P-C6PU1
M83513/30-H01KN	100RK100P-C61
M83513/30-H01KP	100RK100P-C6P1
M83513/30-H01KU	100RK100P-C6U1
M83513/30-H01KY	100RK100P-C6PU1
M83513/30-H01NN	100RN100P-C61
M83513/30-H01NP	100RN100P-C6P1
M83513/30-H01NU	100RN100P-C6U1
M83513/30-H01NY	100RN100P-C6PU1
M83513/30-H01PN	104R100P-C61
M83513/30-H01PP	104R100P-C6P1
M83513/30-H01PU	104R100P-C6U1
M83513/30-H01PY	104R100P-C6PU1
M83513/30-H01TP	100RT100P-C6P1
M83513/30-H01TN	100RT100P-C61
M83513/30-H01TU	100RT100P-C6U1
M83513/30-H01TY	100RT100P-C6PU1
M83513/30-H02AP	100RL100P-C6P2
M83513/30-H02AN	100RL100P-C62
M83513/30-H02AU	100RL100P-C6U2
M83513/30-H02AY	100RL100P-C6PU2
M83513/30-H02CN	100RC100P-C62
M83513/30-H02CP	100RC100P-C6P2
M83513/30-H02CU	100RC100P-C6U2
M83513/30-H02CY	100RC100P-C6PU2
M83513/30-H02KN	100RK100P-C62
M83513/30-H02KP	100RK100P-C6P2

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/30-H02KU	100RK100P-C6U2
M83513/30-H02KY	100RK100P-C6PU2
M83513/30-H02NN	100RN100P-C62
M83513/30-H02NP	100RN100P-C6P2
M83513/30-H02NU	100RN100P-C6U2
M83513/30-H02NY	100RN100P-C6PU2
M83513/30-H02PN	104R100P-C62
M83513/30-H02PP	104R100P-C6P2
M83513/30-H02PU	104R100P-C6U2
M83513/30-H02PY	104R100P-C6PU2
M83513/30-H02TP	100RT100P-C6P2
M83513/30-H02TN	100RT100P-C62
M83513/30-H02TU	100RT100P-C6U2
M83513/30-H02TY	100RT100P-C6PU2
M83513/30-H03AP	100RL100P-C6P3
M83513/30-H03AN	100RL100P-C63
M83513/30-H03AU	100RL100P-C6U3
M83513/30-H03AY	100RL100P-C6PU3
M83513/30-H03CN	100RC100P-C63
M83513/30-H03CP	100RC100P-C6P3
M83513/30-H03CU	100RC100P-C6U3
M83513/30-H03CY	100RC100P-C6PU3
M83513/30-H03KN	100RK100P-C63
M83513/30-H03KP	100RK100P-C6P3
M83513/30-H03KU	100RK100P-C6U3
M83513/30-H03KY	100RK100P-C6PU3
M83513/30-H03NN	100RN100P-C63
M83513/30-H03NP	100RN100P-C6P3
M83513/30-H03NU	100RN100P-C6U3
M83513/30-H03NY	100RN100P-C6PU3
M83513/30-H03PN	104R100P-C63
M83513/30-H03PP	104R100P-C6P3
M83513/30-H03PU	104R100P-C6U3
M83513/30-H03PY	104R100P-C6PU3
M83513/30-H03TP	100RT100P-C6P3
M83513/30-H03TN	100RT100P-C63
M83513/30-H03TU	100RT100P-C6U3
M83513/30-H03TY	100RT100P-C6PU3
M83513/31-A01AP	100RL09S-C6P1
M83513/31-A01AN	100RL09S-C61
M83513/31-A01AT	100RL09S-C6T1
M83513/31-A01AW	100RL09S-C6PT1
M83513/31-A01CN	100RC09S-C61
M83513/31-A01CP	100RC09S-C6P1
M83513/31-A01CT	100RC09S-C6T1
M83513/31-A01CW	100RC09S-C6PT1
M83513/31-A01KN	100RK09S-C61
M83513/31-A01KP	100RK09S-C6P1
M83513/31-A01KT	100RK09S-C6T1
M83513/31-A01KW	100RK09S-C6PT1
M83513/31-A01NN	100RN09S-C61
M83513/31-A01NP	100RN09S-C6P1

MIL SPEC	ACC PN
M83513/31-A01NT	100RN09S-C6T1
M83513/31-A01NW	100RN09S-C6PT1
M83513/31-A01PN	104R09S-C61
M83513/31-A01PP	104R09S-C6P1
M83513/31-A01PT	104R09S-C6T1
M83513/31-A01PW	104R09S-C6PT1
M83513/31-A01TP	100RT09S-C6P1
M83513/31-A01TN	100RT09S-C61
M83513/31-A01TT	100RT09S-C6T1
M83513/31-A01TW	100RT09S-C6PT1
M83513/31-A02AP	100RL09S-C6P2
M83513/31-A02AN	100RL09S-C62
M83513/31-A02AT	100RL09S-C6T2
M83513/31-A02AW	100RL09S-C6PT2
M83513/31-A02CN	100RC09S-C62
M83513/31-A02CP	100RC09S-C6P2
M83513/31-A02CT	100RC09S-C6T2
M83513/31-A02CW	100RC09S-C6PT2
M83513/31-A02KN	100RK09S-C62
M83513/31-A02KP	100RK09S-C6P2
M83513/31-A02KT	100RK09S-C6T2
M83513/31-A02KW	100RK09S-C6PT2
M83513/31-A02NN	100RN09S-C62
M83513/31-A02NP	100RN09S-C6P2
M83513/31-A02NT	100RN09S-C6T2
M83513/31-A02NW	100RN09S-C6PT2
M83513/31-A02PN	104R09S-C62
M83513/31-A02PP	104R09S-C6P2
M83513/31-A02PT	104R09S-C6T2
M83513/31-A02PW	104R09S-C6PT2
M83513/31-A02TP	100RT09S-C6P2
M83513/31-A02TN	100RT09S-C62
M83513/31-A02TT	100RT09S-C6T2
M83513/31-A02TW	100RT09S-C6PT2
M83513/31-A03AP	100RL09S-C6P3
M83513/31-A03AN	100RL09S-C63
M83513/31-A03AT	100RL09S-C6T3
M83513/31-A03AW	100RL09S-C6PT3
M83513/31-A03CN	100RC09S-C63
M83513/31-A03CP	100RC09S-C6P3
M83513/31-A03CT	100RC09S-C6T3
M83513/31-A03CW	100RC09S-C6PT3
M83513/31-A03KN	100RK09S-C63
M83513/31-A03KP	100RK09S-C6P3
M83513/31-A03KT	100RK09S-C6T3
M83513/31-A03KW	100RK09S-C6PT3
M83513/31-A03NN	100RN09S-C63
M83513/31-A03NP	100RN09S-C6P3
M83513/31-A03NT	100RN09S-C6T3
M83513/31-A03NW	100RN09S-C6PT3
M83513/31-A03PN	104R09S-C63
M83513/31-A03PP	104R09S-C6P3

MIL SPEC	ACC PN
M83513/31-A03PT	104R09S-C6T3
M83513/31-A03PW	104R09S-C6PT3
M83513/31-A03TP	100RT09S-C6P3
M83513/31-A03TN	100RT09S-C63
M83513/31-A03TT	100RT09S-C6T3
M83513/31-A03TW	100RT09S-C6PT3
M83513/31-B01AP	100RL15S-C6P1
M83513/31-B01AN	100RL15S-C61
M83513/31-B01AT	100RL15S-C6T1
M83513/31-B01AW	100RL15S-C6PT1
M83513/31-B01CN	100RC15S-C61
M83513/31-B01CP	100RC15S-C6P1
M83513/31-B01CT	100RC15S-C6T1
M83513/31-B01CW	100RC15S-C6PT1
M83513/31-B01KN	100RK15S-C61
M83513/31-B01KP	100RK15S-C6P1
M83513/31-B01KT	100RK15S-C6T1
M83513/31-B01KW	100RK15S-C6PT1
M83513/31-B01NN	100RN15S-C61
M83513/31-B01NP	100RN15S-C6P1
M83513/31-B01NT	100RN15S-C6T1
M83513/31-B01NW	100RN15S-C6PT1
M83513/31-B01PN	104R15S-C61
M83513/31-B01PP	104R15S-C6P1
M83513/31-B01PT	104R15S-C6T1
M83513/31-B01PW	104R15S-C6PT1
M83513/31-B01TP	100RT15S-C6P1
M83513/31-B01TN	100RT15S-C61
M83513/31-B01TT	100RT15S-C6T1
M83513/31-B01TW	100RT15S-C6PT1
M83513/31-B02AP	100RL15S-C6P2
M83513/31-B02AN	100RL15S-C62
M83513/31-B02AT	100RL15S-C6T2
M83513/31-B02AW	100RL15S-C6PT2
M83513/31-B02CN	100RC15S-C62
M83513/31-B02CP	100RC15S-C6P2
M83513/31-B02CT	100RC15S-C6T2
M83513/31-B02CW	100RC15S-C6PT2
M83513/31-B02KN	100RK15S-C62
M83513/31-B02KP	100RK15S-C6P2
M83513/31-B02KT	100RK15S-C6T2
M83513/31-B02KW	100RK15S-C6PT2
M83513/31-B02NN	100RN15S-C62
M83513/31-B02NP	100RN15S-C6P2
M83513/31-B02NT	100RN15S-C6T2
M83513/31-B02NW	100RN15S-C6PT2
M83513/31-B02PN	104R15S-C62
M83513/31-B02PP	104R15S-C6P2
M83513/31-B02PT	104R15S-C6T2
M83513/31-B02PW	104R15S-C6PT2
M83513/31-B02TP	100RT15S-C6P2
M83513/31-B02TN	100RT15S-C62

MIL SPEC	ACC PN
M83513/31-B02TT	100RT15S-C6T2
M83513/31-B02TW	100RT15S-C6PT2
M83513/31-B03AP	100RL15S-C6P3
M83513/31-B03AN	100RL15S-C63
M83513/31-B03AT	100RL15S-C6T3
M83513/31-B03AW	100RL15S-C6PT3
M83513/31-B03CN	100RC15S-C63
M83513/31-B03CP	100RC15S-C6P3
M83513/31-B03CT	100RC15S-C6T3
M83513/31-B03CW	100RC15S-C6PT3
M83513/31-B03KN	100RK15S-C63
M83513/31-B03KP	100RK15S-C6P3
M83513/31-B03KT	100RK15S-C6T3
M83513/31-B03KW	100RK15S-C6PT3
M83513/31-B03NN	100RN15S-C63
M83513/31-B03NP	100RN15S-C6P3
M83513/31-B03NT	100RN15S-C6T3
M83513/31-B03NW	100RN15S-C6PT3
M83513/31-B03PN	104R15S-C63
M83513/31-B03PP	104R15S-C6P3
M83513/31-B03PT	104R15S-C6T3
M83513/31-B03PW	104R15S-C6PT3
M83513/31-B03TP	100RT15S-C6P3
M83513/31-B03TN	100RT15S-C63
M83513/31-B03TT	100RT15S-C6T3
M83513/31-B03TW	100RT15S-C6PT3
M83513/31-C01AP	100RL21S-C6P1
M83513/31-C01AN	100RL21S-C61
M83513/31-C01AT	100RL21S-C6T1
M83513/31-C01AW	100RL21S-C6PT1
M83513/31-C01CN	100RC21S-C61
M83513/31-C01CP	100RC21S-C6P1
M83513/31-C01CT	100RC21S-C6T1
M83513/31-C01CW	100RC21S-C6PT1
M83513/31-C01KN	100RK21S-C61
M83513/31-C01KP	100RK21S-C6P1
M83513/31-C01KT	100RK21S-C6T1
M83513/31-C01KW	100RK21S-C6PT1
M83513/31-C01NN	100RN21S-C61
M83513/31-C01NP	100RN21S-C6P1
M83513/31-C01NT	100RN21S-C6T1
M83513/31-C01NW	100RN21S-C6PT1
M83513/31-C01PN	104R21S-C61
M83513/31-C01PP	104R21S-C6P1
M83513/31-C01PT	104R21S-C6T1
M83513/31-C01PW	104R21S-C6PT1
M83513/31-C01TP	100RT21S-C6P1
M83513/31-C01TN	100RT21S-C61
M83513/31-C01TT	100RT21S-C6T1
M83513/31-C01TW	100RT21S-C6PT1
M83513/31-C02AP	100RL21S-C6P2
M83513/31-C02AN	100RL21S-C62

MIL SPEC	ACC PN
M83513/31-C02AT	100RL21S-C6T2
M83513/31-C02AW	100RL21S-C6PT2
M83513/31-C02CN	100RC21S-C62
M83513/31-C02CP	100RC21S-C6P2
M83513/31-C02CT	100RC21S-C6T2
M83513/31-C02CW	100RC21S-C6PT2
M83513/31-C02KN	100RK21S-C62
M83513/31-C02KP	100RK21S-C6P2
M83513/31-C02KT	100RK21S-C6T2
M83513/31-C02KW	100RK21S-C6PT2
M83513/31-C02NN	100RN21S-C62
M83513/31-C02NP	100RN21S-C6P2
M83513/31-C02NT	100RN21S-C6T2
M83513/31-C02NW	100RN21S-C6PT2
M83513/31-C02PN	104R21S-C62
M83513/31-C02PP	104R21S-C6P2
M83513/31-C02PT	104R21S-C6T2
M83513/31-C02PW	104R21S-C6PT2
M83513/31-C02TP	100RT21S-C6P2
M83513/31-C02TN	100RT21S-C62
M83513/31-C02TT	100RT21S-C6T2
M83513/31-C02TW	100RT21S-C6PT2
M83513/31-C03AP	100RL21S-C6P3
M83513/31-C03AN	100RL21S-C63
M83513/31-C03AT	100RL21S-C6T3
M83513/31-C03AW	100RL21S-C6PT3
M83513/31-C03CN	100RC21S-C63
M83513/31-C03CP	100RC21S-C6P3
M83513/31-C03CT	100RC21S-C6T3
M83513/31-C03CW	100RC21S-C6PT3
M83513/31-C03KN	100RK21S-C63
M83513/31-C03KP	100RK21S-C6P3
M83513/31-C03KT	100RK21S-C6T3
M83513/31-C03KW	100RK21S-C6PT3
M83513/31-C03NN	100RN21S-C63
M83513/31-C03NP	100RN21S-C6P3
M83513/31-C03NT	100RN21S-C6T3
M83513/31-C03NW	100RN21S-C6PT3
M83513/31-C03PN	104R21S-C63
M83513/31-C03PP	104R21S-C6P3
M83513/31-C03PT	104R21S-C6T3
M83513/31-C03PW	104R21S-C6PT3
M83513/31-C03TP	100RT21S-C6P3
M83513/31-C03TN	100RT21S-C63
M83513/31-C03TT	100RT21S-C6T3
M83513/31-C03TW	100RT21S-C6PT3
M83513/31-D01AP	100RL25S-C6P1
M83513/31-D01AN	100RL25S-C61
M83513/31-D01AT	100RL25S-C6T1
M83513/31-D01AW	100RL25S-C6PT1
M83513/31-D01CN	100RC25S-C61
M83513/31-D01CP	100RC25S-C6P1

MIL SPEC	ACC PN
M83513/31-D01CT	100RC25S-C6T1
M83513/31-D01CW	100RC25S-C6PT1
M83513/31-D01KN	100RK25S-C61
M83513/31-D01KP	100RK25S-C6P1
M83513/31-D01KT	100RK25S-C6T1
M83513/31-D01KW	100RK25S-C6PT1
M83513/31-D01NN	100RN25S-C61
M83513/31-D01NP	100RN25S-C6P1
M83513/31-D01NT	100RN25S-C6T1
M83513/31-D01NW	100RN25S-C6PT1
M83513/31-D01PN	104R25S-C61
M83513/31-D01PP	104R25S-C6P1
M83513/31-D01PT	104R25S-C6T1
M83513/31-D01PW	104R25S-C6PT1
M83513/31-D01TP	100RT25S-C6P1
M83513/31-D01TN	100RT25S-C61
M83513/31-D01TT	100RT25S-C6T1
M83513/31-D01TW	100RT25S-C6PT1
M83513/31-D02AP	100RL25S-C6P2
M83513/31-D02AN	100RL25S-C62
M83513/31-D02AT	100RL25S-C6T2
M83513/31-D02AW	100RL25S-C6PT2
M83513/31-D02CN	100RC25S-C62
M83513/31-D02CP	100RC25S-C6P2
M83513/31-D02CT	100RC25S-C6T2
M83513/31-D02CW	100RC25S-C6PT2
M83513/31-D02KN	100RK25S-C62
M83513/31-D02KP	100RK25S-C6P2
M83513/31-D02KT	100RK25S-C6T2
M83513/31-D02KW	100RK25S-C6PT2
M83513/31-D02NN	100RN25S-C62
M83513/31-D02NP	100RN25S-C6P2
M83513/31-D02NT	100RN25S-C6T2
M83513/31-D02NW	100RN25S-C6PT2
M83513/31-D02PN	104R25S-C62
M83513/31-D02PP	104R25S-C6P2
M83513/31-D02PT	104R25S-C6T2
M83513/31-D02PW	104R25S-C6PT2
M83513/31-D02TP	100RT25S-C6P2
M83513/31-D02TN	100RT25S-C62
M83513/31-D02TT	100RT25S-C6T2
M83513/31-D02TW	100RT25S-C6PT2
M83513/31-D03AP	100RL25S-C6P3
M83513/31-D03AN	100RL25S-C63
M83513/31-D03AT	100RL25S-C6T3
M83513/31-D03AW	100RL25S-C6PT3
M83513/31-D03CN	100RC25S-C63
M83513/31-D03CP	100RC25S-C6P3
M83513/31-D03CT	100RC25S-C6T3
M83513/31-D03CW	100RC25S-C6PT3
M83513/31-D03KN	100RK25S-C63
M83513/31-D03KP	100RK25S-C6P3

PART NUMBER CROSS REFERENCE

MIL SPEC	ACC PN
M83513/31-D03KT	100RK25S-C6T3
M83513/31-D03KW	100RK25S-C6PT3
M83513/31-D03NN	100RN25S-C63
M83513/31-D03NP	100RN25S-C6P3
M83513/31-D03NT	100RN25S-C6T3
M83513/31-D03NW	100RN25S-C6PT3
M83513/31-D03PN	104R25S-C63
M83513/31-D03PP	104R25S-C6P3
M83513/31-D03PT	104R25S-C6T3
M83513/31-D03PW	104R25S-C6PT3
M83513/31-D03TP	100RT25S-C6P3
M83513/31-D03TN	100RT25S-C63
M83513/31-D03TT	100RT25S-C6T3
M83513/31-D03TW	100RT25S-C6PT3
M83513/31-E01AP	100RL31S-C6P1
M83513/31-E01AN	100RL31S-C61
M83513/31-E01AT	100RL31S-C6T1
M83513/31-E01AW	100RL31S-C6PT1
M83513/31-E01CN	100RC31S-C61
M83513/31-E01CP	100RC31S-C6P1
M83513/31-E01CT	100RC31S-C6T1
M83513/31-E01CW	100RC31S-C6PT1
M83513/31-E01KN	100RK31S-C61
M83513/31-E01KP	100RK31S-C6P1
M83513/31-E01KT	100RK31S-C6T1
M83513/31-E01KW	100RK31S-C6PT1
M83513/31-E01NN	100RN31S-C61
M83513/31-E01NP	100RN31S-C6P1
M83513/31-E01NT	100RN31S-C6T1
M83513/31-E01NW	100RN31S-C6PT1
M83513/31-E01PN	104R31S-C61
M83513/31-E01PP	104R31S-C6P1
M83513/31-E01PT	104R31S-C6T1
M83513/31-E01PW	104R31S-C6PT1
M83513/31-E01TP	100RT31S-C6P1
M83513/31-E01TN	100RT31S-C61
M83513/31-E01TT	100RT31S-C6T1
M83513/31-E01TW	100RT31S-C6PT1
M83513/31-E02AP	100RL31S-C6P2
M83513/31-E02AN	100RL31S-C62
M83513/31-E02AT	100RL31S-C6T2
M83513/31-E02AW	100RL31S-C6PT2
M83513/31-E02CN	100RC31S-C62
M83513/31-E02CP	100RC31S-C6P2
M83513/31-E02CT	100RC31S-C6T2
M83513/31-E02CW	100RC31S-C6PT2
M83513/31-E02KN	100RK31S-C62
M83513/31-E02KP	100RK31S-C6P2
M83513/31-E02KT	100RK31S-C6T2
M83513/31-E02KW	100RK31S-C6PT2
M83513/31-E02NN	100RN31S-C62
M83513/31-E02NP	100RN31S-C6P2

MIL SPEC	ACC PN
M83513/31-E02NT	100RN31S-C6T2
M83513/31-E02NW	100RN31S-C6PT2
M83513/31-E02PN	104R31S-C62
M83513/31-E02PP	104R31S-C6P2
M83513/31-E02PT	104R31S-C6T2
M83513/31-E02PW	104R31S-C6PT2
M83513/31-E02TP	100RT31S-C6P2
M83513/31-E02TN	100RT31S-C62
M83513/31-E02TT	100RT31S-C6T2
M83513/31-E02TW	100RT31S-C6PT2
M83513/31-E03AP	100RL31S-C6P3
M83513/31-E03AN	100RL31S-C63
M83513/31-E03AT	100RL31S-C6T3
M83513/31-E03AW	100RL31S-C6PT3
M83513/31-E03CN	100RC31S-C63
M83513/31-E03CP	100RC31S-C6P3
M83513/31-E03CT	100RC31S-C6T3
M83513/31-E03CW	100RC31S-C6PT3
M83513/31-E03KN	100RK31S-C63
M83513/31-E03KP	100RK31S-C6P3
M83513/31-E03KT	100RK31S-C6T3
M83513/31-E03KW	100RK31S-C6PT3
M83513/31-E03NN	100RN31S-C63
M83513/31-E03NP	100RN31S-C6P3
M83513/31-E03NT	100RN31S-C6T3
M83513/31-E03NW	100RN31S-C6PT3
M83513/31-E03PN	104R31S-C63
M83513/31-E03PP	104R31S-C6P3
M83513/31-E03PT	104R31S-C6T3
M83513/31-E03PW	104R31S-C6PT3
M83513/31-E03TP	100RT31S-C6P3
M83513/31-E03TN	100RT31S-C63
M83513/31-E03TT	100RT31S-C6T3
M83513/31-E03TW	100RT31S-C6PT3
M83513/31-F01AP	100RL37S-C6P1
M83513/31-F01AN	100RL37S-C61
M83513/31-F01AT	100RL37S-C6T1
M83513/31-F01AW	100RL37S-C6PT1
M83513/31-F01CN	100RC37S-C61
M83513/31-F01CP	100RC37S-C6P1
M83513/31-F01CT	100RC37S-C6T1
M83513/31-F01CW	100RC37S-C6PT1
M83513/31-F01KN	100RK37S-C61
M83513/31-F01KP	100RK37S-C6P1
M83513/31-F01KT	100RK37S-C6T1
M83513/31-F01KW	100RK37S-C6PT1
M83513/31-F01NN	100RN37S-C61
M83513/31-F01NP	100RN37S-C6P1
M83513/31-F01NT	100RN37S-C6T1
M83513/31-F01NW	100RN37S-C6PT1
M83513/31-F01PN	104R37S-C61
M83513/31-F01PP	104R37S-C6P1

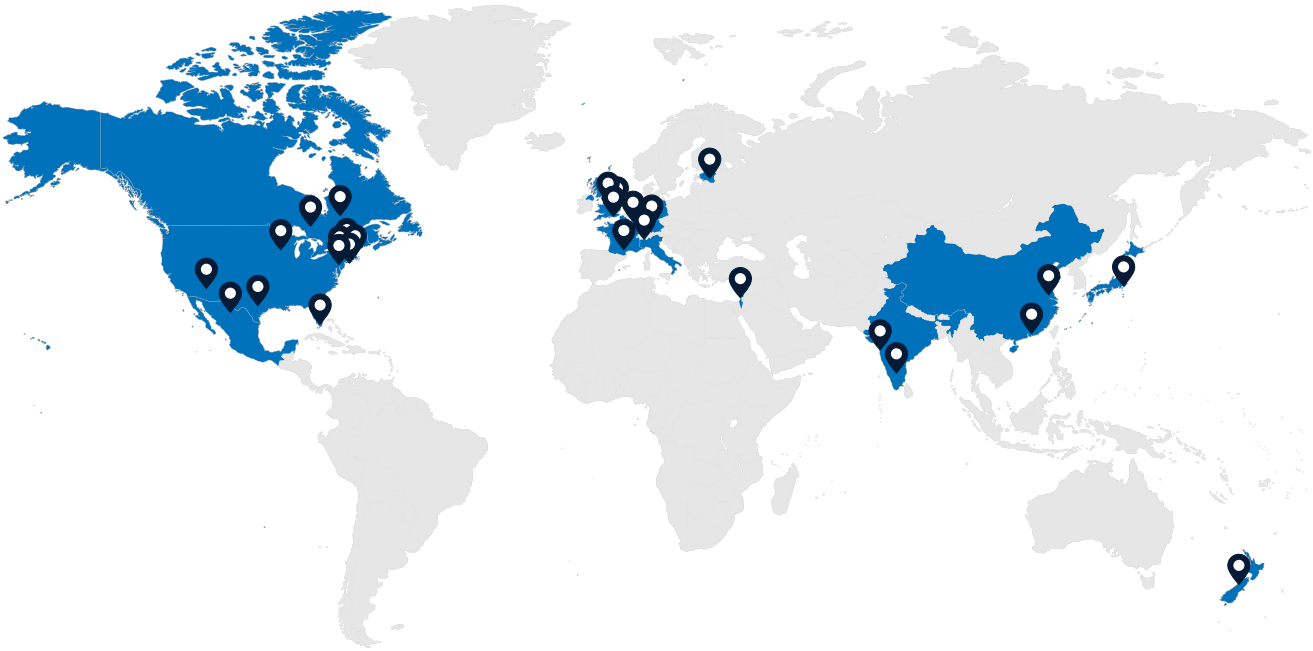
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M83513/31-F01PW	104R37S-C6PT1
M83513/31-F01TP	100RT37S-C6P1
M83513/31-F01TN	100RT37S-C61
M83513/31-F01TT	100RT37S-C6T1
M83513/31-F01TW	100RT37S-C6PT1
M83513/31-F02AP	100RL37S-C6P2
M83513/31-F02AN	100RL37S-C62
M83513/31-F02AT	100RL37S-C6T2
M83513/31-F02AW	100RL37S-C6PT2
M83513/31-F02CN	100RC37S-C62
M83513/31-F02CP	100RC37S-C6P2
M83513/31-F02CT	100RC37S-C6T2
M83513/31-F02CW	100RC37S-C6PT2
M83513/31-F02KN	100RK37S-C62
M83513/31-F02KP	100RK37S-C6P2
M83513/31-F02KT	100RK37S-C6T2
M83513/31-F02KW	100RK37S-C6PT2
M83513/31-F02NN	100RN37S-C62
M83513/31-F02NP	100RN37S-C6P2
M83513/31-F02NT	100RN37S-C6T2
M83513/31-F02NW	100RN37S-C6PT2
M83513/31-F02PN	104R37S-C62
M83513/31-F02PP	104R37S-C6P2
M83513/31-F02PT	104R37S-C6T2
M83513/31-F02PW	104R37S-C6PT2
M83513/31-F02TP	100RT37S-C6P2
M83513/31-F02TN	100RT37S-C62
M83513/31-F02TT	100RT37S-C6T2
M83513/31-F02TW	100RT37S-C6PT2
M83513/31-F03AP	100RL37S-C6P3
M83513/31-F03AN	100RL37S-C63
M83513/31-F03AT	100RL37S-C6T3
M83513/31-F03AW	100RL37S-C6PT3
M83513/31-F03CN	100RC37S-C63
M83513/31-F03CP	100RC37S-C6P3
M83513/31-F03CT	100RC37S-C6T3
M83513/31-F03CW	100RC37S-C6PT3
M83513/31-F03KN	100RK37S-C63
M83513/31-F03KP	100RK37S-C6P3
M83513/31-F03KT	100RK37S-C6T3
M83513/31-F03KW	100RK37S-C6PT3
M83513/31-F03NN	100RN37S-C63
M83513/31-F03NP	100RN37S-C6P3
M83513/31-F03NT	100RN37S-C6T3
M83513/31-F03NW	100RN37S-C6PT3
M83513/31-F03PN	104R37S-C63
M83513/31-F03PP	104R37S-C6P3
M83513/31-F03PT	104R37S-C6T3
M83513/31-F03PW	104R37S-C6PT3
M83513/31-F03TP	100RT37S-C6P3
M83513/31-F03TN	100RT37S-C63

MIL SPEC	ACC PN
M83513/31-F03TT	100RT37S-C6T3
M83513/31-F03TW	100RT37S-C6PT3
M83513/32-G01AP	100RL51S-C6P1
M83513/32-G01AN	100RL51S-C61
M83513/32-G01AT	100RL51S-C6T1
M83513/32-G01AW	100RL51S-C6PT1
M83513/32-G01CN	100RC51S-C61
M83513/32-G01CP	100RC51S-C6P1
M83513/32-G01CT	100RC51S-C6T1
M83513/32-G01CW	100RC51S-C6PT1
M83513/32-G01KN	100RK51S-C61
M83513/32-G01KP	100RK51S-C6P1
M83513/32-G01KT	100RK51S-C6T1
M83513/32-G01KW	100RK51S-C6PT1
M83513/32-G01NN	100RN51S-C61
M83513/32-G01NP	100RN51S-C6P1
M83513/32-G01NT	100RN51S-C6T1
M83513/32-G01NW	100RN51S-C6PT1
M83513/32-G01PN	104R51S-C61
M83513/32-G01PP	104R51S-C6P1
M83513/32-G01PT	104R51S-C6T1
M83513/32-G01PW	104R51S-C6PT1
M83513/32-G01TP	100RT51S-C6P1
M83513/32-G01TN	100RT51S-C61
M83513/32-G01TT	100RT51S-C6T1
M83513/32-G01TW	100RT51S-C6PT1
M83513/32-G02AP	100RL51S-C6P2
M83513/32-G02AN	100RL51S-C62
M83513/32-G02AT	100RL51S-C6T2
M83513/32-G02AW	100RL51S-C6PT2
M83513/32-G02CN	100RC51S-C62
M83513/32-G02CP	100RC51S-C6P2
M83513/32-G02CT	100RC51S-C6T2
M83513/32-G02CW	100RC51S-C6PT2
M83513/32-G02KN	100RK51S-C62
M83513/32-G02KP	100RK51S-C6P2
M83513/32-G02KT	100RK51S-C6T2
M83513/32-G02KW	100RK51S-C6PT2
M83513/32-G02NN	100RN51S-C62
M83513/32-G02NP	100RN51S-C6P2
M83513/32-G02NT	100RN51S-C6T2
M83513/32-G02NW	100RN51S-C6PT2
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M83513/32-G02PP	104R51S-C6P2
M83513/32-G02PT	104R51S-C6T2
M83513/32-G02PW	104R51S-C6PT2
M83513/32-G02TP	100RT51S-C6P2
M83513/32-G02TN	100RT51S-C62
M83513/32-G02TT	100RT51S-C6T2
M83513/32-G02TW	100RT51S-C6PT2
M83513/32-G03AP	100RL51S-C6P3
M83513/32-G03AN	100RL51S-C63

MIL SPEC	ACC PN
M83513/32-G03AT	100RL51S-C6T3
M83513/32-G03AW	100RL51S-C6PT3
M83513/32-G03CN	100RC51S-C63
M83513/32-G03CP	100RC51S-C6P3
M83513/32-G03CT	100RC51S-C6T3
M83513/32-G03CW	100RC51S-C6PT3
M83513/32-G03KN	100RK51S-C63
M83513/32-G03KP	100RK51S-C6P3
M83513/32-G03KT	100RK51S-C6T3
M83513/32-G03KW	100RK51S-C6PT3
M83513/32-G03NN	100RN51S-C63
M83513/32-G03NP	100RN51S-C6P3
M83513/32-G03NT	100RN51S-C6T3
M83513/32-G03NW	100RN51S-C6PT3
M83513/32-G03PN	104R51S-C63
M83513/32-G03PP	104R51S-C6P3
M83513/32-G03PT	104R51S-C6T3
M83513/32-G03PW	104R51S-C6PT3
M83513/32-G03TP	100RT51S-C6P3
M83513/32-G03TN	100RT51S-C63
M83513/32-G03TT	100RT51S-C6T3
M83513/32-G03TW	100RT51S-C6PT3
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M83513/33-H01AN	100RL100S-C61
M83513/33-H01AU	100RL100S-C6U1
M83513/33-H01AY	100RL100S-C6PU1
M83513/33-H01CN	100RC100S-C61
M83513/33-H01CP	100RC100S-C6P1
M83513/33-H01CU	100RC100S-C6U1
M83513/33-H01CY	100RC100S-C6PU1
M83513/33-H01KN	100RK100S-C61
M83513/33-H01KP	100RK100S-C6P1
M83513/33-H01KU	100RK100S-C6U1
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M83513/33-H01NN	100RN100S-C61
M83513/33-H01NP	100RN100S-C6P1
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M83513/33-H01NY	100RN100S-C6PU1
M83513/33-H01PN	104R100S-C61
M83513/33-H01PP	104R100S-C6P1
M83513/33-H01PU	104R100S-C6U1
M83513/33-H01PY	104R100S-C6PU1
M83513/33-H01TP	100RT100S-C6P1
M83513/33-H01TN	100RT100S-C61
M83513/33-H01TU	100RT100S-C6U1
M83513/33-H01TY	100RT100S-C6PU1
M83513/33-H02AP	100RL100S-C6P2
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M83513/33-H02AU	100RL100S-C6U2
M83513/33-H02AY	100RL100S-C6PU2
M83513/33-H02CN	100RC100S-C62
M83513/33-H02CP	100RC100S-C6P2

MIL SPEC	ACC PN
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M83513/33-H02CY	100RC100S-C6PU2
M83513/33-H02KN	100RK100S-C62
M83513/33-H02KP	100RK100S-C6P2
M83513/33-H02KU	100RK100S-C6U2
M83513/33-H02KY	100RK100S-C6PU2
M83513/33-H02NN	100RN100S-C62
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M83513/33-H02PU	104R100S-C6U2
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M83513/33-H02TU	100RT100S-C6U2
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M83513/33-H03TY	100RT100S-C6PU3

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Amphenol ACC
Advanced Compact Connectors



SMC
Catalog



Product Overview
Brochure



Multi-Modular ARINC
Catalog

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R58 Catalog



ARINC 600 Catalog



ARINC 404 Catalog

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