AMPHENOL CANADA

MICRO CONNECTORS | D-SUBMINIATURES

D83 Series

Compact D-Sub



Bridging the gap between D-Sub and Micro-D – The D83 Series compact D-Sub is the ideal solution

- Contacts as small as size 23, fully crimp removable, in a compact package
- Standard and custom discrete contact arrangements AWG 23 to 12 (M39029 style)
- Can accommodate RF contacts and fiber optics
- Suitable for high-speed communications up to 10Gbps (e.g. 10GBASE-T@ 500MHz)

E D83 - A P M 005 A 1 - A 02

RoHS Compliance
E = RoHS Compliant
Blank = Non-RoHS Compliant

Connector Series

Shell Size (Max. N° of Contacts*)

A = 5	E = 19	J = 33	N = 195
B = 9	F = 23	K = 43	
C = 13	G = 33	L = 78	
D = 15	H = 66	M = 102	

* Minimum contact size 23. Consult Catalog for dimensions & other contact sizes available

Gender
P = Plug (Pin)
S = Receptacle (Socket)
E = Recep. w/ EMI Ground Spring
D = Recep. w/ EMI Spring & Integrated Backshell
B = Recep. w/ Integrated Backshell

Connector Style
D = Standard
M = Panel Mount (rear)
F = Float Mount

Contact Arrangement*

Deviation Code

Shell Plating

0 = Other (Incl. Plastic)	7 = OD Cadmium
1 = Nickel	8 = Nickel-PTFE
2 = Tin	A = Anodize (Black)
3 = Cadmium (Clear)	K = Zinc Nickel - 48 hrs
4 = Gold	L = Electro-Deposite Al
5 = Zinc Nickel - 500 hrs	S = Stainless Steel
6 = Yellow Chromate	

Mounting
1 = Clinch Nut
2 = Clinch Nut w/ Right Angle Bracket
3 = No Hardware or Through-Hole
4 = Jackscrew
5 = Captive Jackscrew
6 = Jackpost (round, slotted)
7 = Guide Post
8 = Guide Post Socket
9 = Captive Jackscrew, long (slotted) w/ E-Clip
H = Screwlock (short)
L = Screwlock (long)
P = Hex Jackpost

Contact Termination
A = Right Angle PCB Tail (0.125")
B = Straight PCB Tail (0.125")
C = Solder Cup
H = Wired / Harnessed
R = Right Angle Crimp
T = Crimp
U = Compliant Tail
V = Right Angle PCB Tail Long (0.250")
W = Straight PCB Tail Long (0.250")

* Consult Amphenol's *D83 Catalogue* for additional information

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MILITARY & AEROSPACE

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