AMPHENOL CANADA

MICRO-HYBRID CONNECTORS

R38 SERIES



- Integrated high speed RF contacts in a D-subminiature package
- Highly configurable product, based on common ground to shell integrated design
- RF supplied in integrated reverse or standard gender configurations
- Compact PCB tail design for flex circuit or backplane termination featuring epoxy potting seals
- Designed to meet TEMPEST performance, and NBC ruggedness standards

EXAMPLE ARRANGEMENTS



R38-4DS1M32P01-XXX



R38-4QS1M44P01-XXX



R38-4QP1D23P61-XXX



R38-2QSTD09S51-XXX



R38-2DS1D02S01-XXX

R38 - 4QS 1 M44P 0 1 - XXX

RF CONTACTS

QUANTITY

TYPE

C = coax	Q = quadrax
T = twinax (concentric)	S = split-pair quadrax
D = differential twinax	N = octax
R = triax	B = optical transceiver

GENDER

Integrated RF or discrete RF contact design supported

SHELL

0 = other; sealed; o-ring	T = crimp; integrated backshell
1 = straight	M = Mixed termination
2 = right angle bracket	
3 = plain hole	

DEVIATION CODE

SHELL PLATING

0 = custom	5 = zinc nickel
1 = nickel; custom	6 = yellow chromate
2 = tin	7 = olive drab cadmium
3 = cadmium	8 = nickel-PTFE
4 = gold	9 = stainless steel

MOUNTING

0 = custom	4 = float mount
1 = clinch nut	5 = captive jackscrew
2 = clinch nut w/ rt angle bracket	6 = jackpost
	7 = RPM jackpost
3 = through hole	8 = jackscrew

DISCRETE CONTACTS

TYPE

M = Micro (M83513) | D = D-sub (AS39029)

QUANTITY/ARRANGEMENT

GENDER

Standard and custom discrete contact arrangements are possible:

- Size 23 to 16 (*AS39029* style)
- Size 24 (*M83513* style)

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MILITARY & AEROSPACE

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