

LEAD CONFIGURATION OPTIONS

PLUG		RECEPTACLE	
SERIES		SERIES	
MM .050" Rugged Metal I/O Connector		MM .050" Rugged Metal I/O Connector	
(MM mateS with MK, ML, MM, MN receptacles)		MN .050" Rugged Plastic I/O Connector	
		(MM & MN mate with MK, ML, MM, MN plugs)	
BODY		BODY	
2 2-Row (Sizes 9 thru 37)	2 2-Row (Sizes 9 thru 37)	3 3-Row (Size 51 & 69)	3 3-Row (Size 51 & 69)
4 4-Row (Size 100)	4 4-Row (Size 100)		
BODY STYLE:		BODY STYLE:	
A Plug, straight, rear panel mount, with fluorosilicone o-ring	2 Receptacle, straight, with ears		
BODY MATERIAL:		BODY MATERIAL:	
2 Polyphenylene Sulfide with electroless nickel shell	1 Polyphenylene Sulfide (MN only)	2 Polyphenylene Sulfide with electroless nickel shell	2 Polyphenylene Sulfide with electroless nickel shell
3 Polyphenylene Sulfide with electrodeposited cadmium shell ☒	3 Polyphenylene Sulfide with electrodeposited cadmium shell ☒	4 Polyphenylene Sulfide with hard anodized black shell	4 Polyphenylene Sulfide with hard anodized black shell
A Pure Electro-Deposited Aluminum	A Pure Electro-Deposited Aluminum	K Zinc Nickel Plating	K Zinc Nickel Plating
T Nickel Polymer Plating	T Nickel Polymer Plating		
SIZE		SIZE	
XXX 009, 015, 021, 025, 031, 037, 051, 069, 100		XXX 009, 015, 021, 025, 031, 037, 051, 069, 100	
CONTACTS		CONTACTS	
TYPE CONTACTS/TERMINATIONS:		TYPE CONTACTS/TERMINATIONS:	
11 Pin, straight, 26 awg solder cup	21 Socket, straight, 26 awg solder cup	2A Socket, straight, 24 awg solder cup	2A Socket, straight, 24 awg solder cup
1A Pin, straight, 24 awg solder cup	2D Socket, straight, .109" Lead Length (.018 dia) SEE NOTE 1	2E Socket, straight, .125" Lead Length (.018 dia) SEE NOTE 1	2E Socket, straight, .125" Lead Length (.018 dia) SEE NOTE 1
1D Pin, straight, .109" Lead Length (.018 dia) SEE NOTE 1	2F Socket, straight, .140" Lead Length (.018 dia) SEE NOTE 1	2G Socket, straight, .156" Lead Length (.018 dia) SEE NOTE 1	2G Socket, straight, .156" Lead Length (.018 dia) SEE NOTE 1
1E Pin, straight, .125" Lead Length (.018 dia) SEE NOTE 1	2H Socket, straight, .172" Lead Length (.018 dia) SEE NOTE 1	2J Socket, straight, .187" Lead Length (.018 dia) SEE NOTE 1	2J Socket, straight, .187" Lead Length (.018 dia) SEE NOTE 1
1F Pin, straight, .140" Lead Length (.018 dia) SEE NOTE 1	2K Socket, straight, .375" Lead Length (.018 dia) SEE NOTE 1	2L Socket, straight, .500" Lead Length (.018 dia) SEE NOTE 1	2L Socket, straight, .500" Lead Length (.018 dia) SEE NOTE 1
12 Pin, straight, .150" Lead Length (.018 dia) SEE NOTE 1	2M Socket, straight, 1.000" Lead Length (.018 dia) SEE NOTE 1	2N Socket, straight, .500" Lead Length (.018 dia) SEE NOTE 1	2N Socket, straight, .500" Lead Length (.018 dia) SEE NOTE 1
1G Pin, straight, .156" Lead Length (.018 dia) SEE NOTE 1	26 Socket, straight, crimped wire		
1H Pin, straight, .172" Lead Length (.018 dia) SEE NOTE 1			
1J Pin, straight, .187" Lead Length (.018 dia) SEE NOTE 1			
13 Pin, straight, .250" Lead Length (.018 dia) SEE NOTE 1			
1K Pin, straight, .375" Lead Length (.018 dia) SEE NOTE 1			
14 Pin, straight, .500" Lead Length (.018 dia) SEE NOTE 1			
15 Pin, straight, 1.000" Lead Length (.018 dia) SEE NOTE 1			
16 Pin, straight, crimped wire			
PLATING OPTIONS:		PLATING OPTIONS:	
1 50 µ" Au contacts (crimp wire)	1 50 µ" Au contacts (crimp wire)	3 50 µ" Au contacts: 10 µ" Au Terminations (solder cup, pigtail)	3 50 µ" Au contacts: 10 µ" Au Terminations (solder cup, pigtail)
3 50 µ" Au contacts: 10 µ" Au Terminations (solder cup, pigtail)	5 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒	5 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒	5 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒
5 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒	7 50 µ" Au contacts; SAC305 terminations (pigtail)	7 50 µ" Au contacts; SAC305 terminations (pigtail)	7 50 µ" Au contacts; SAC305 terminations (pigtail)
7 50 µ" Au contacts; SAC305 terminations (pigtail)			
HARDWARE		HARDWARE	
STYLE OF HARDWARE:		STYLE OF HARDWARE:	
00 None	41 Two turning jackscrews, allen head, retaining ring (81")	42 Two long turning jackscrews, allen head, retaining ring (82")	42 Two long turning jackscrews, allen head, retaining ring (82")
24 Two fixed jackscrews, rear panel mount, .040" panel thickness (64")	43 Two turning jackscrews, slot head, retaining ring (83")	44 Two long turning jackscrews, slot head, retaining ring (84")	44 Two long turning jackscrews, slot head, retaining ring (84")
26 Two fixed jackscrews, rear panel mount, .060" panel thickness (66")	45 Two turning jackscrews, allen head, captivated** (85")		
28 Two fixed jackscrews, rear panel mount, .070" panel thickness (68")			
29 Two fixed jackscrews, rear panel mount, .080" panel thickness (69")			
POLARIZATION / WIRING		POLARIZATION / WIRING	
00 None	00 None	XX For wiring codes, see page M-183 and M-184.	XX For wiring codes, see page M-183 and M-184.
XX For wiring codes, see page M-183 and M-184.			
OPTIONS		OPTIONS	
EMI EMI o-ring (in lieu of fluorosilicone o-ring)	900 Interfacial sealing gasket		

* = Use number in parenthesis when ordering size 100.

** = Captive hardware is factory installed and non-removable.

☒ = Option not RoHS compliant

NOTE 1 = The leads on these contacts are soft copper suitable for forming.