

LEAD CONFIGURATION OPTIONS

PLUG		RECEPTACLE	
SERIES		SERIES	
MM .050" Rugged Metal I/O Connector (MM mates with MK, ML, MM, MN receptacles)		MM .050" Rugged Metal I/O Connector (MM mates 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)	4 4-Row (Size 100)	4 4-Row (Size 100)
BODY STYLE:		BODY STYLE:	
1 Plug, straight, with ears		D Receptacle, straight, with grounding fingers	
BODY MATERIAL:		BODY MATERIAL:	
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 ☒
6 Polyphenylene Sulfide with gold plated shell	6 Polyphenylene Sulfide with gold plated shell	6 Polyphenylene Sulfide with gold plated shell	6 Polyphenylene Sulfide with gold plated shell
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, solder cup	21 Socket, straight, 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)	2E Socket, straight, .125" Lead Length (.018 dia)
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, .150" Lead Length (.018 dia)	2G Socket, straight, .150" Lead Length (.018 dia)
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
1G Pin, straight, .156" Lead Length (.018 dia) SEE NOTE 1	2M Socket, straight, 1.000" Lead Length (.018 dia) SEE NOTE 1	24 Socket, straight, .500" pigtails (.018 dia) SEE NOTE 1	24 Socket, straight, .500" pigtails (.018 dia) SEE NOTE 1
1H Pin, straight, .172" Lead Length (.018 dia) SEE NOTE 1	25 Socket, straight, 1.000" pigtails (.018 dia) SEE NOTE 1	26 Socket, straight, crimped wire	26 Socket, straight, crimped wire
1J Pin, straight, .187" Lead Length (.018 dia) SEE NOTE 1			
1K Pin, straight, .250" Lead Length (.018 dia) SEE NOTE 1			
1L Pin, straight, .375" Lead Length (.018 dia) SEE NOTE 1			
14 Pin, straight, .500" pigtails (.018 dia) SEE NOTE 1			
15 Pin, straight, 1.000" pigtails (.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 u" Au contacts (solder cup, pigtail)	3 50 u" Au contacts (solder cup, pigtail)
3 50 µ" Au contacts (solder cup, pigtail)	3 50 u" Au contacts (solder cup, pigtail)	5 50 u" Au contacts; Sn/Pb alloy terminations (pigtail) ☒	5 50 u" Au contacts; Sn/Pb alloy terminations (pigtail) ☒
5 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒	5 50 u" 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)			
HARDWARE		HARDWARE	
STYLE OF HARDWARE:		STYLE OF HARDWARE:	
00 None	00 None	22 Two fixed captive jacknut assemblies** (62*)	22 Two fixed captive jacknut assemblies** (62*)
22 Two fixed jacknut assemblies (62*)	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*)
41 Two turning jackscrews, allen head, retaining ring (81*)	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*)
42 Two long turning jackscrews, allen head, retaining ring (82*)	45 Two turning jackscrews, allen head, captivated** (85*)	99 Keying hardware, see options below. (Body material 2 and 3 only)	99 Keying hardware, see options below. (Body material 2 and 3 only)
43 Two turning jackscrews, slot head, retaining ring (83*)			
44 Two long turning jackscrews, slot head, retaining ring (84*)			
45 Two turning jackscrews, allen head, captivated** (85*)			
99 Keying hardware, see options below. (Body material 2 and 3 only)			
POLARIZATION / WIRING:		POLARIZATION / WIRING	
00 None	00 None	XX For wiring codes, see pages M-183 and M-184.	XX For wiring codes, see pages M-183 and M-184.
XX For wiring codes, see pages M-183 and M-184.			
OPTIONS		OPTIONS	
KSXX Two turning jackscrews. See page M-186 for keying options (KJ*)	KSXX Two turning jackscrews and interfacial sealing gasket. See page M-186 for keying options (KJ*)	KPXX Two fixed jacknuts and interfacial sealing gasket See page M-186 for keying options (KN*)	KPXX Two fixed jacknuts and interfacial sealing gasket See page M-186 for keying options (KN*)
KPXX Two fixed jacknuts. See page M-186 for keying options (KN*)	900 Interfacial sealing gasket		

* = Use numbers or letters in parenthesis when ordering size 100.

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

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

☒ = Option not RoHS compliant