



**PLUG:** MK-332-051-125-2200  
**RECEPTACLE:** MM-322-051-261-45WP  
**PLUG:** ML-331-051-125-2200  
**RECEPTACLE:** MN-321-051-261-45WP  
 XX-XXX-XXX-XXX-XXXX-XXX

**PLUG**

**RECEPTACLE**

SERIES	
MK .050" Rugged Metal PC Board Mount Connector	MM .050" Rugged Metal I/O Connector
ML .050" Rugged Plastic PC Board Mount Connector (MK & ML mate with MK, ML, MM, MN receptacles)	MN .050" Rugged Plastic I/O Connector (MM & MN mate with MK, ML, MM, MN plugs)

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:	
3 Plug, straight, standard footprint	2 Receptacle, straight, with ears

BODY MATERIAL:	
1 Polyphenylene Sulfide (ML only)	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 <input type="checkbox"/>	3 Polyphenylene Sulfide with electrodeposited cadmium shell <input type="checkbox"/>
4 Polyphenylene Sulfide with hard anodized black shell	4 Polyphenylene Sulfide with hard anodized black shell
5 Polyphenylene Sulfide with stainless steel shell	5 Polyphenylene Sulfide with stainless steel 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	
XXX 009, 015, 021, 025, 031, 037, 051, 069***, 100	XXX 009, 015, 021, 025, 031, 037, 051, 069***, 100

CONTACTS	
TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:
12 Pin, straight, PCB leads, .109"	21 Socket, straight, solder cup
13 Pin, straight, PCB leads, .140"	24 Socket, straight, .500" pigtails (.018 dia)
14 Pin, straight, PCB leads, .172"	25 Socket, straight, 1.000" pigtails (.018 dia)
	26 Socket, straight, crimped wire

PLATING OPTIONS:	
3 50 μ" Au contacts; 10 μ" Au terminations	1 50 μ" Au contacts (crimp wire)
5 50 μ" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/>	3 50 μ" Au contacts; 10 μ" Au terminations (solder cup, pigtail)
7 50 μ" Au contacts; SAC305 terminations	5 50 μ" Au contacts; Sn/Pb alloy terminations (pigtail) <input checked="" type="checkbox"/>
	7 50 μ" Au contacts; SAC305 terminations (pigtail)

HARDWARE	
STYLE OF HARDWARE:	STYLE OF HARDWARE:
00 None	00 None
22 Two fixed jacknut assemblies (62°)	22 Two fixed jacknut assemblies (62°)
41 Two turning jackscrews, allen head, retaining ring**** (81°)	41 Two turning jackscrews, allen head, retaining ring (81°)
99 Keying hardware, see options below (Body material 2, 3 and 4 only)	42 Two long turning jackscrews, allen head, retaining ring (82°)
	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, 3 and 4 only)

POLARIZATION / WIRING:	
00 None	00 None
	XX For wiring codes, see page MA-3 & MA-4

OPTIONS	
KPXX Two fixed jacknuts. See page MA-6 for keying options (KN*)	KSXX Two turning jackscrews and interfacial sealing gasket. See page MA-6 for keying options (KJ*)
OB7 Threaded inserts	900 Interfacial sealing gasket

\* = Use numbers or letters in parenthesis when ordering size 100.      \*\*\* = 69 position connectors are available in metal only.  
 \*\* = Captive hardware is factory installed and non-removable.      \*\*\*\* = Connector body has no mounting holes.  
 = Option not RoHS compliant