



PLUG: MM-213-025-161-41WQ

RECEPTACLE: MM-223-025-275-320S

PLUG: MN-211-025-161-41WQ

RECEPTACLE: MN-221-025-275-320S

PLUG

RECEPTACLE

SERIES		XX-XXX-XXX-XXX-XXXX-XXX
MM .050" Rugged Metal I/O Connector	MM .050" Rugged Metal PC Board Mount, SMT Connector	
MN .050" Rugged Plastic I/O Connector	MN .050" Rugged Plastic PC Board Mount, SMT Connector	
(MM & MN mate with MK, ML, MM, MN receptacles)	(MM & MN mate with MK, ML, MM, MN plugs)	
BODY		
2 2-Row (Sizes 9 thru 51***)	2 2-Row (Sizes 9 thru 51***)	
BODY STYLE:	BODY STYLE:	
1 Plug, straight, with ears	2 Receptacle, straight, with ears	
BODY MATERIAL:	BODY MATERIAL:	
1 Polyphenylene Sulfide (MN 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 ☒	3 Polyphenylene Sulfide with electrodeposited cadmium shell ☒	
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***	XXX 009, 015, 021, 025, 031, 037, 051***	
CONTACTS		
TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:	
11 Pin, straight, solder cup	27 Socket, Surface Mount	
14 Pin, straight, .500" pigtails (.018 dia)		
15 Pin, straight, 1.000" pigtails (.018 dia)		
16 Pin, straight, crimped wire		
PLATING OPTIONS:	PLATING OPTIONS:	
1 50 μ" Au contacts (crimp wire)	5 50 μ" Au contacts; Sn/Pb alloy terminations ☒	
3 50 μ" Au contacts: 10 μ" Au terminations (solder cup, pigtail)	8 50 μ" Au contacts; Sn plated terminations	
5 50 μ" Au contacts; Sn/Pb alloy terminations (pigtail) ☒		
7 50 μ" Au contacts; SAC305 terminations (pigtail)		
HARDWARE		
STYLE OF HARDWARE:	STYLE OF HARDWARE:	
00 None	00 None	
22 Two fixed jacknut assemblies	32 Two fixed jacknut assemblies with mounting bracket	
41 Two turning jackscrews, allen head, retaining ring	46 Two turning jackscrews, allen head, captivated** with mounting bracket	
42 Two long turning jackscrews, allen head, retaining ring		
43 Two turning jackscrews, slot head, retaining ring		
44 Two long turning jackscrews, slot head, retaining ring		
45 Two turning jackscrews, allen head, captivated**		
POLARIZATION / WIRING:	POLARIZATION / WIRING	
00 None	0R Reverse Body Polarization	
XX For wiring codes, see page MA-3 & MA-4	0S Standard Body Polarization	
OPTIONS		
	900 Interfacial sealing gasket	

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

*** = 51 position connectors are available in metal only (non Mil-Spec interface).

☒ = Option not RoHS compliant