



PLUG: MK-2H3-031-375-2200  
 RECEPTACLE: MM-223-031-213-4100  
 XX-XXX-XXX-XXX-XXXX-XXX

PLUG		RECEPTACLE	
<b>SERIES</b>			
MK .050" Rugged Metal Surface Mount Connector (MK mates with MK, ML, MM, MN receptacles)		MM .050" Rugged Metal I/O Connector (MM mates with MK, ML, MM, MN plugs)	
<b>BODY</b>			
2 2-Row (Sizes 9 thru 51*)		2 2-Row (Sizes 9 thru 51*)	
BODY STYLE: H Plug, vertical surface mount		BODY STYLE: 2 Receptacle, straight, with ears	
BODY MATERIAL: 2 Polyphenylene Sulfide with electroless nickel shell 3 Polyphenylene Sulfide with electrodeposited cadmium shell <input checked="" type="checkbox"/> 4 Polyphenylene Sulfide with hard anodized black shell A Pure Electro-Deposited Aluminum K Zinc Nickel Plating T Nickel Polymer Plating		BODY MATERIAL: 2 Polyphenylene Sulfide with electroless nickel shell 3 Polyphenylene Sulfide with electrodeposited cadmium shell <input checked="" type="checkbox"/> 4 Polyphenylene Sulfide with hard anodized black shell A Pure Electro-Deposited Aluminum K Zinc Nickel Plating T Nickel Polymer Plating	
<b>SIZE</b>			
XXX 009, 015, 021, 025, 031, 037, 051*		XXX 009, 015, 021, 025, 031, 037, 051*	
<b>CONTACTS</b>			
TYPE CONTACTS/TERMINATIONS: 37 Pin, vertical smt		TYPE CONTACTS/TERMINATIONS: 21 Socket, straight, solder cup 24 Socket, straight, .500" pigtails (.018 dia) 25 Socket, straight, 1.000" pigtails (.018 dia) 26 Socket, straight, crimped wire	
PLATING OPTIONS: 5 50 μ" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/> 7 50 μ" Au contacts; SAC305 terminations		PLATING OPTIONS: 1 50 μ" Au contacts (crimp wire) 3 50 μ" Au contacts: 10 μ" Au terminations (solder cup, pigtail) 5 50 μ" Au contacts; Sn/Pb alloy terminations (pigtail) <input checked="" type="checkbox"/> 7 50 μ" Au contacts; SAC305 terminations (pigtail)	
<b>HARDWARE</b>			
STYLE OF HARDWARE: 00 None 22 Two fixed jacknut assemblies 41 Two turning jackscrews, allen head, retaining ring 99 Keying hardware, see options below		STYLE OF HARDWARE: 00 None 22 Two fixed jacknut assemblies 41 Two turning jackscrews, allen head, retaining ring 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** 99 Keying hardware, see options below	
POLARIZATION / WIRING: 00 None		POLARIZATION / WIRING: 00 None XX For wiring codes, see page MA-3 & MA-4	
<b>OPTIONS</b>			
KPXX Two fixed jacknuts. See page MA-6 for keying options		KSXX Two turning jackscrews and interfacial sealing gasket. See page MA-6 for keying options 900 Interfacial sealing gasket	

\* = 2 row, 51 position connectors are non-Mil Spec interface.  
 \*\* = Captive hardware is factory installed and non-removable.

= Option not RoHS compliant