

PLUG: MK-253-031-335-220S
RECEPTACLE: MM-223-031-213-4100
PLUG: ML-251-031-335-220S
RECEPTACLE: MN-221-031-213-4100
 XX-XXX-XXX-XXX-XXXX-XXX

PLUG

RECEPTACLE

SERIES

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

2 2-Row (Sizes 9 thru 37) 3 3-Row (Size 51 & 69***) 4 4-Row (Size 100) BODY STYLE: 5 Plug, right angle, narrow footprint, w/ mtg holes BODY MATERIAL: 1 Polyphenylene Sulfide (ML only) 2 Polyphenylene Sulfide with electroless nickel shell 3 Polyphenylene Sulfide with electrodeposited cadmium shell 4 Polyphenylene Sulfide with hard anodized black shell 5 Polyphenylene Sulfide with stainless steel shell	2 2-Row (Sizes 9 thru 37) 3 3-Row (Size 51 & 69***) 4 4-Row (Size 100) BODY STYLE: 2 Receptacle, straight, with ears BODY MATERIAL: 1 Polyphenylene Sulfide (MN only) 2 Polyphenylene Sulfide with electroless nickel shell 3 Polyphenylene Sulfide with electrodeposited cadmium shell 4 Polyphenylene Sulfide with hard anodized black shell 5 Polyphenylene Sulfide with stainless steel shell
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SIZE

XXX 009, 015, 021, 025, 031, 037, 051, 069***, 100	XXX 009, 015, 021, 025, 031, 037, 051, 069***, 100
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CONTACTS

TYPE CONTACTS/TERMINATIONS: 32 Pin, right angle, dip solder, .109" 33 Pin, right angle, dip solder, .140" 34 Pin, right angle, dip solder, .172" PLATING OPTIONS: 5 50 µ" Au contacts; 100 µ" Sn alloy terminations	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: 1 50 µ" Au contacts (crimp wire) 3 50 µ" Au contacts: 10 µ" Au terminations (solder cup, pigtail) 5 50 µ" Au contacts; 100 µ" Sn alloy terminations (pigtail)
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HARDWARE

STYLE OF HARDWARE: 00 None 22 Two fixed jacknut assemblies (62*) 41 Two turning jackscrews, allen head, retaining ring**** (81*) 99 Keying hardware, see options below (Body material 2, 3 and 4 only) POLARIZATION / WIRING: 0R Reversed body polarization 0S Standard body polarization	STYLE OF HARDWARE: 00 None 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*) 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 XX For wiring codes, see page MA-3 & MA-4
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OPTIONS

KPXX Two fixed jacknuts. See page MA-6 for keying options (KN*) 94P Mil-Spec footprint (size 100 only), standard body polarization 0B7 Threaded inserts, standard body polarization 0BJ Mil-Spec footprint (size 100 only) with threaded inserts, standard body polarization	KSXX Two turning jackscrews and interfacial sealing gasket. See page MA-6 for keying options (KJ*) 900 Interfacial sealing gasket
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* = Use numbers or letters in parenthesis when ordering size 100.
 ** = Captive hardware is factory installed and non-removable.
 *** = 69 position connectors are available in metal only.
 **** = Connector body has no mounting holes.