

MM-312-051-153-4400 PLUG: **RECEPTACLE:** MK-322-051-235-2200 MN - 311 - 051 - 153 - 4400**RECEPTACLE:** ML-321-051-235-2200

PLU	JG	RE	CEPTACLE:			–XXX		
	SEF	ilES		1				
MN	.050" Rugged Metal I/O Connector .050" Rugged Plastic I/O Connector & MN mate with MK, ML, MM, MN receptacles)	ML	.050" Rugged Metal PC Board Mount Connector .050" Rugged Plastic PC Board Mount Connector & ML mate with MK, ML, MM, MN plugs)					
	ВО	DY]				
2 3 4	2-Row (Sizes 9 thru 37) 3-Row (Size 51) 4-Row (Size 100)	2 3 4	2-Row (Sizes 9 thru 37) 3-Row (Size 51) 4-Row (Size 100)	•				
1	BODY STYLE: Plug, straight, with ears	2	BODY STYLE: Receptacle, straight, narrow footprint, w/ mtg he	oles	s			
1 2 3 4 5	BODY MATERIAL: Polyphenylene Sulfide (MN only) Polyphenylene Sulfide with electroless nickel shell Polyphenylene Sulfide with electrodeposited cadmium shell S Polyphenylene Sulfide with hard anodized black shell Polyphenylene Sulfide with stainless steel shell	1 2 3 4 5	BODY MATERIAL: Polyphenylene Sulfide (ML only) Polyphenylene Sulfide with electroless nickel sl Polyphenylene Sulfide with electrodeposited cadmium shell S Polyphenylene Sulfide with hard anodized black Polyphenylene Sulfide with stainless steel shell	:k sl				
_	SIZ	 Έ		1				
(XX	009, 015, 021, 025, 031, 037, 051, 100	XXX	(009, 015, 021, 025, 031, 037, 051, 100	,				
	CONT	ACTS	S	1				
14 15	TYPE CONTACTS/TERMINATIONS: Pin, straight, solder cup Pin, straight, .500" pigtails (.018 dia) Pin, straight, 1.000" pigtails (.018 dia) Pin, straight, crimped wire	22 23 24	TYPE CONTACTS/TERMINATIONS: Socket, straight, PCB leads, .109" Socket, straight, PCB leads, .140" Socket, straight, PCB leads, .172"	•				
1 3 5	PLATING OPTIONS: 50 µ" Au contacts (crimp wire) 50 µ" Au contacts: 10 µ" Au terminations (solder cup, pigtail) 50 µ" Au contacts; Sn/Pb alloy terminations (pigtail) 50 µ" Au contacts; SAC305 terminations (pigtail)	3 5 7	PLATING OPTIONS: 50 μ" Au contacts: 10 μ" Au terminations 50 μ" Au contacts; Sn/Pb alloy terminations Σ 50 μ" Au contacts; SAC305 terminations					
	HARD	WAR	F	1				
22 41 42 43 44 45	STYLE OF HARDWARE: None Two fixed jacknut assemblies (62*) Two turning jackscrews, allen head, retaining ring (81*) Two long turning jackscrews, allen head, retaining ring (82*) Two turning jackscrews, slot head, retaining ring (83*) Two long turning jackscrews, slot head, retaining ring (84*) Two turning jackscrews, allen head, captivated** (85*) Keying hardware, see options below (Body material 2, 3 and 4 only)	00 22 99	STYLE OF HARDWARE: None Two fixed jacknut assemblies (62*) Keying hardware, see options below (Body material 2, 3 and 4 only)	J				
	POLARIZATION / WIRING: None For wiring codes, see page MA-3 & MA-4	00	POLARIZATION / WIRING None					
_	OPTI	ONS		1				•
KS	XX Two turning jackscrews. See page MA-6 for keying options (KJ*)	KPX 900 0B7	33		t.			

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

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



Cable to Board (Narrow Footprint)

.050"

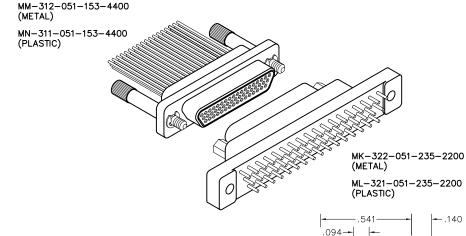
9 thru 100 Contacts

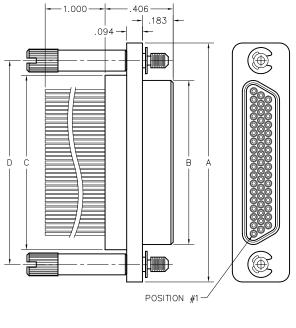
Rugged Cable

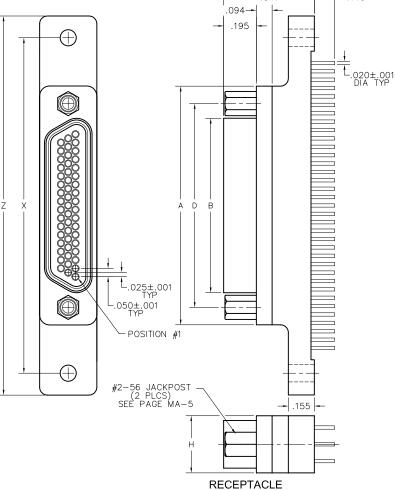
MM, MN

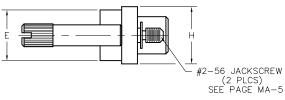
Rugged Board Mount

MK, ML









PLUG

DIMENSIONS MOUNTING CONTACT Z MAX SIZE PLUG RCPT POTTING WELL HARDWARE ROWS MAX MAX .334 400 390 .565 1.150 1.390 15 .925 484 550 .540 715 21 1.075 .634 700 .690 .865 1.450 1.690 .096 DIA OR #2-56 UNC .270 .298 #2-56 UNC THD 25 1.175 734 .800 790 .965 1.500 1.740 .092 DIA THRU) 31 1.325 .884 950 .940 1.115 1.800 2.040 THREADED INSERT 37 1.475 1.034 1.100 1.090 2.100 2.340 1.265 .341 2.270 51 3 1.425 .984 1.050 1.040 1.215 310 2.000 .125 DIA OR #2-56 UNC THREADED INSERT 100 2.160 1.384 1.508 1.432 1.800 384 2.800 3.240 #4-40 UNC THD (.147 DIA THRU)

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