

MM-212-031-161-41WA PLUG: **RECEPTACLE:** MM-222-031-2G3-4500 PLUG: MN-211-031-161-41WA **RECEPTACLE:** MN-221-031-2G3-4500

XX

PLU	G	REC	CEPTACLE	X	(–XX	X-XXX		(–XX)	
	SEF	RIES		П	- 11				
ММ	.050" Rugged Metal I/O Connector		.050" Rugged Metal I/O Connector	_					
	.050" Rugged Plastic I/O Connector		.050" Rugged Plastic I/O 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****)						
3	3-Row (Size 51 & 69***)	3	3-Row (Size 51 & 69***)						
4	4-Row (Size 100)	4	4-Row (Size 100)						
	BODY STYLE:		BODY STYLE:						
1	Plug, straight, with ears	2	Receptacle, straight, with ears						
	BODY MATERIAL:	1	BODY MATERIAL:						
1	Polyphenylene Sulfide (MN only)	1	Polyphenylene Sulfide (MN only)						
2	Polyphenylene Sulfide with electroless nickel shell	2	Polyphenylene Sulfide with electroless nicke		ell				
3	Polyphenylene Sulfide with electrodeposited cadmium shell	3	Polyphenylene Sulfide with electrodeposited cadmium shell	1					
4	Polyphenylene Sulfide with hard anodized	4	Polyphenylene Sulfide with hard anodized						
	black shell		black shell						
5	Polyphenylene Sulfide with stainless steel shell	5	Polyphenylene Sulfide with stainless steel sl	hell					
	SIZ	ZE		1		_			
XXX	009, 015, 021, 025, 031, 037, 051****, 069***, 100		009, 015, 021, 025, 031, 037, 051****, 069**	⊐ **, 1	00				
		<u>'</u>		<del>-</del>					
	TYPE CONTACTS/TEPMINIATIONS:	<u> </u>		J					
11	TYPE CONTACTS/TERMINATIONS: Pin, straight, 26 awg solder cup	21	TYPE CONTACTS/TERMINATIONS: Socket, straight, 26 awg solder cup						
1A	Pin, straight, 24 awg solder cup	2A	Socket, straight, 24 awg solder cup						
1D	Pin, straight, .109" Lead Length (.018 dia) SEE NOTE 1	2D	Socket, straight, .109" Lead Length (.018 dia	a)					
1E	Pin, straight, .125" Lead Length (.018 dia) SEE NOTE 1	2E	Socket, straight, .125" Lead Length (.018 dia						
1F	Pin, straight, .140" Lead Length (.018 dia) SEE NOTE 1	2F	Socket, straight, .140" Lead Length (.018 dia						
12 1G	Pin, straight, .150" Lead Length (.018 dia) SEE NOTE 1 Pin, straight, .156" Lead Length (.018 dia) SEE NOTE 1	22 2G	Socket, straight, .150" Lead Length (.018 dia Socket, straight, .156" Lead Length (.018 dia						
1H	Pin, straight, .172" Lead Length (.018 dia) SEE NOTE 1	2H	Socket, straight, .172" Lead Length (.018 dia						
1J	Pin, straight, .187" Lead Length (.018 dia) SEE NOTE 1	2J	Socket, straight, .187" Lead Length (.018 dia						
13	Pin, straight, .250" Lead Length (.018 dia) SEE NOTE 1	23	Socket, straight, .250" Lead Length (.018 dia						
1K	Pin, straight, .375" Lead Length (.018 dia) SEE NOTE 1	2K	Socket, straight, .375" Lead Length (.018 dia						
14 15	Pin, straight, .500" Lead Length (.018 dia) SEE NOTE 1 Pin, straight, 1.000" Lead Length (.018 dia) SEE NOTE 1	2L 2M	Socket, straight, .500" Lead Length (.018 dia Socket, straight, 1.000" Lead Length (.018 dia Socket, straight, straig						
16	Pin, straight, crimped wire	24	Socket, straight, 1.500 Lead Length (.018 dia		SEE NO	TF 1			
	,	25	Socket, straight, 1.000" Lead Length (.018 d						
		26	Socket, straight, crimped wire						
	PLATING OPTIONS:	1	PLATING OPTIONS:						
1	50 µ" Au contacts (crimp wire)	1	50 µ" Au contacts (crimp wire)						
3 5	50 μ" Au contacts (solder cup, pigtail) 50 μ" Au contacts; Sn/Pb alloy terminations 🗵	3 5	50 µ" Au contacts (solder cup, pigtail)	nc l	☑				
7	50 µ" Au contacts; SAC305 terminations	7	50 u" Au contacts; Sn/Pb alloy terminatio 50 u" Au contacts; SAC305 terminations	115 1					
Ė				1					
HARDWARE  STYLE OF HARDWARE:   STYLE OF HARDWARE:									
00	None	00	None						
	Two fixed jacknut assemblies (62*)	22	Two fixed jacknut assemblies (62*)						
41	Two turning jackscrews, allen head,	41	Two turning jackscrews, allen head,						
42	retaining ring (81*)	42	retaining ring (81*)						
42	Two long turning jackscrews, allen head, retaining ring (82*)	42	Two long turning jackscrews, allen head, retaining ring (82*)						
43	Two turning jackscrews, slot head,	43	Two turning jackscrews, slot head,						
-	retaining ring (83*)		retaining ring (83*)						
44	Two long turning jackscrews, slot head,	44	Two long turning jackscrews, slot head,						
15	retaining ring (84*)	15	retaining ring (84*)						
40	Two turning jackscrews, allen head, captivated** (85*)	45	Two turning jackscrews, allen head, captivated** (85*)						
99	Keying hardware, see options below. (Body	99	Keying hardware, see options below. (Body						
	material 2, 3 and 4 only) POLARIZATION / WIRING		material 2, 3 and 4 only) POLARIZATION / WIRING						1
00	None	00	None						
	For wiring codes, see page MA-3 & MA-4		For wiring codes, see page MA-3 & MA-4						
	OPTI	ONS	· -	1					_
KSX	X Two turning jackscrews. See page MA-6 for keying		X Two turning jackscrews and interfacial sea	ر aling	gask	et.			
	options (KJ*)		See page MA-6 for keying options (KJ*)						
KPX	X Two fixed jacknuts. See page MA-6 for keying	KPX	X Two fixed jacknuts and interfacial sealing	gasl	ket.				
	options (KN*)	900	See page MA-6 for keying options (KN*)						
	= Use numbers or letters in parenthesis when ordering s		Interfacial sealing gasket  NOTE 1 = The leads		4h			oft	nn = :
^	- LISA DUMNARS OF IATTARS IN NAPANTHASIS WHAN ORDARING S	170 1()	u N() I − I ho loads	: on	These				

\* = 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.

\*\*\*\* = 2 row, 51 position connectors are available in metal only (non Mil-Spec interface).

NOTE 1 = The leads on these contacts are soft copper suitable for forming.

