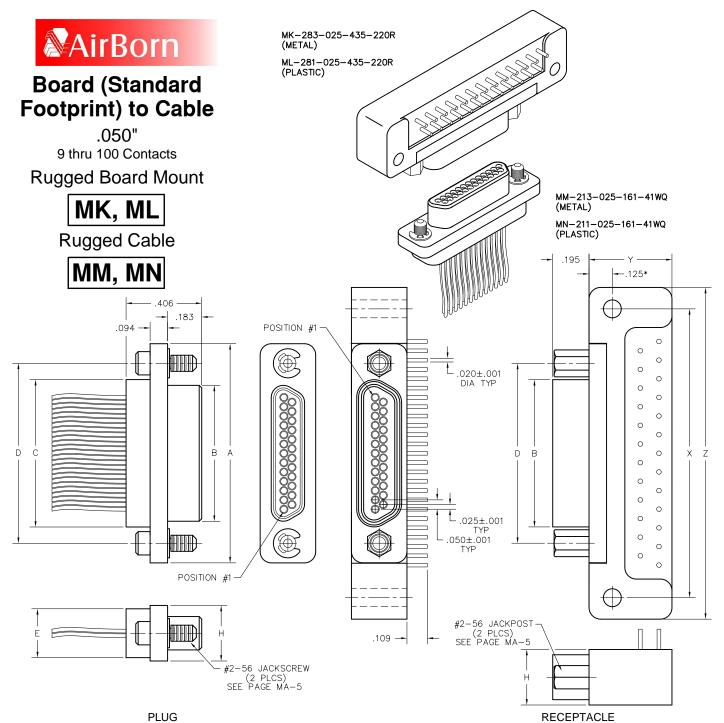


PLUG: MM-213-025-161-41WQ RECEPTACLE: MK-283-025-435-220R PLUG: MN-211-025-161-41WQ **RECEPTACLE:** ML-281-025-435-220R XX-XXX-XXX-XXX-XXX-XXX

PLUG		RE	CEPTACLE				XX - X	
	SER	IES		1				
MN .05	50" Rugged Metal I/O Connector 50" Rugged Plastic I/O Connector MN mate with MK, ML, MM, MN receptacles)	MK ML	.050" Rugged Metal PC Board Mount Connector .050" Rugged Plastic PC Board Mount Connector K & ML mate with MK, ML, MM, MN plugs)					
	BOI)Y						
3 3-F	Row (Sizes 9 thru 37) Row (Size 51) Row (Size 100)	2 3 4	2-Row (Sizes 9 thru 37) 3-Row (Size 51) 4-Row (Size 100)					
	DDY STYLE: ug, straight, with ears	8	BODY STYLE: Receptacle, right angle, standard footprint, w/ m	ntg h	oles			
1 Po 2 Po 3 Po cao 4 Po	DDY MATERIAL: olyphenylene Sulfide (MN only) olyphenylene Sulfide with electroless nickel shell olyphenylene Sulfide with electrodeposited dmium shell [X] olyphenylene Sulfide with hard anodized black shell olyphenylene Sulfide with stainless steel shell	1 2 3 4 5	BODY MATERIAL: Polyphenylene Sulfide (ML only) Polyphenylene Sulfide with electroless nickel she Polyphenylene Sulfide with electrodeposited cadmium shell II Polyphenylene Sulfide with hard anodized black Polyphenylene Sulfide with stainless steel shell		èll			
	SIZ	Ε						
XX 009	9, 015, 021, 025, 031, 037, 051, 100	XXX	. 009, 015, 021, 025, 031, 037, 051, 100					
	CONTA	CTS	3					
11 Pir 14 Pir 15 Pir 16 Pir	PE CONTACTS/TERMINATIONS: n, straight, solder cup n, straight, .500" pigtails (.018 dia) n, straight, 1.000" pigtails (.018 dia) n, straight, crimped wire	44	TYPE CONTACTS/TERMINATIONS: Socket, right angle, PCB leads, .109" Socket, right angle, PCB leads, .140" Socket, right angle, PCB leads, .172"	_				
1 50 3 50 (so 5 50 (pig	ATING OPTIONS: µ" Au contacts (crimp wire) µ" Au contacts: 10 µ" Au terminations older cup, pigtail) µ" Au contacts; Sn/Pb alloy terminations igtail) ⊠	3 5 7	PLATING OPTIONS: 50 μ" Au contacts: 10 μ" Au terminations 50 μ" Au contacts; Sn/Pb alloy terminations 50 μ" Au contacts; SAC305 terminations	र				
7 50	0 µ" Au contacts; SAC305 terminations (pigtail) I		-	1				
	HARDV	VAR						
00 No 22 Tw 41 Tw reta 42 Tw reta 43 Tw 44 Tw reta 45 Tw 99 Ke	FYLE OF HARDWARE: one vo fixed jacknut assemblies (62*) vo turning jackscrews, allen head, taining ring (81*) vo long turning jackscrews, allen head, taining ring (82*) vo turning jackscrews, slot head, retaining ring (83*) vo long turning jackscrews, slot head, taining ring (84*) vo turning jackscrews, allen head, captivated** (85*) aying hardware, see options below (Body aterial 2, 3 and 4 only)		STYLE OF HARDWARE: None Two fixed jacknut assemblies (62*) Keying hardware, see options below (Body material 2, 3 and 4 only)					
00 No	DLARIZATION / WIRING: one or wiring codes, see page MA-3 & MA-4	0R	POLARIZATION / WIRING Reversed body polarization					
	ΟΡΤΙ	ONS						
ŀ	Two turning jackscrews. See page MA-6 for keying options (KJ*) se numbers or letters in parenthesis when ordering s	KP) 900 05ł 08 08	 Mil-Spec footprint (size 100 only) Threaded inserts and interfacial sealing gasked Mil-Spec footprint (size 100 only) with threaded interfacial sealing gasket 	et		and		

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

⊠ = Option not RoHS compliant



DIMENSIONS														
SIZE	CONTACT ROWS		В			D	E			~	7			
		A	PLUG RCPT MAX MAX		C		POTTING WELL MAX	н	×	MAX	мАх	HARDWARE	MOUNTING HOLE	
9		.775	.334	.400	.390	.565			1.150		1.390	-	.096 DIA	
15	1	.925	.484	.550	.540	.715			1.300		1.540			
21	2	1.075	.634	.700	.690	.865	070	000	1.450	1.690]	OR		
25		1.175	.734	.800	.790	.965	.270	.298	1.550	.455	1.790	#2-56 UNC THD	#2-56 UNC THREADED	
31	1	1.325	.884	.950	.940	1.115			1.800		2.040		INSERT	
37	1	1.475	1.034	1.100	1.090	1.265			2.100		2.340]		
51	3	1.425	.984	1.050	1.040	1.215	.310	.341	1.600	.565	1.875			
100	4	2.160	1.384	1.508	1.432	1.800	.360	.384	2.500	.665**	2.780		.125 DIA OF	
	5 FOR "-05K" 65 MAX FOR "-		#4-40 UNC THD	#4-40 UNC THREADED INSERT										

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