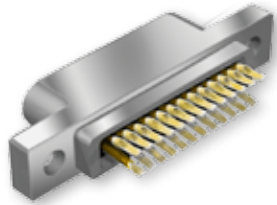


Low Profile Metal and Plastic Shell Micro-D MLDM Metal Shell Solder Cup Contacts



Micro-D
Double and
Triple Row

Low Profile MLDM Metal Shell Micro-D with Solder Cup Contacts














MLDM2L-25SSB

Low profile MLDM connectors have reduced flange height compared to standard MWDM Micro-D connectors. These .050" pitch solder cup Micro-D connectors accept #26 to #30 gage wire with standard contacts and up to size #24 wire with "large bore" contacts. Contacts are factory-installed and potted with epoxy. Pin contacts are gold-plated high performance TwistPin type and are recessed into insulator to prevent damage. Socket contacts are gold plated, machined copper alloy. Machined aluminum shell. Glass-filled high temperature LCP thermoplastic insulators withstand soldering heat. Meets performance requirements of MIL-DTL-83513. Available with 9 to 51 contacts. 3 A., 600 Vac, -55°C to +150°C.

HOW TO ORDER

Sample Part Number

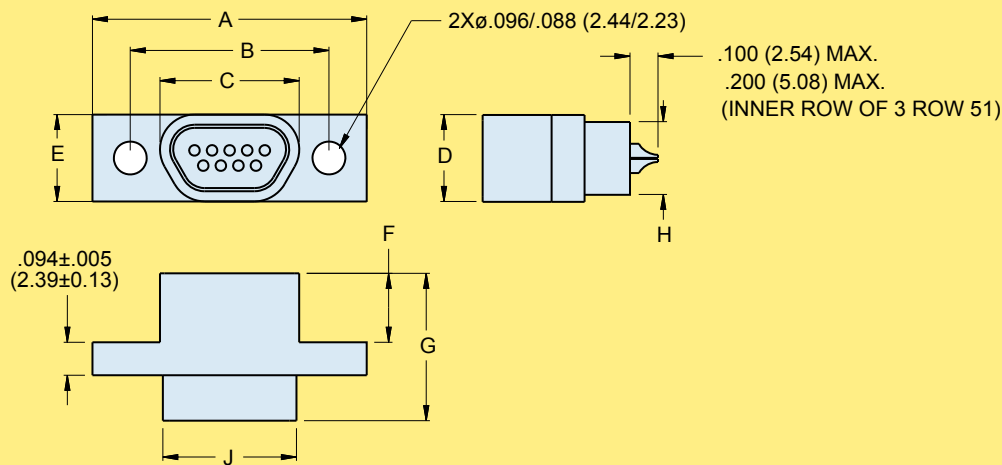
MLDM2L	-25	PS	B			
Series	Number of Contacts	Contact Type	Mounting Hardware			
MLDM1L Low Profile Metal Shell Micro-D with Yellow Chromate over Cadmium Shell Finish (Good corrosion protection, not RoHS compliant)	-9	PS Pin Contacts, Size #26 Solder Cup	B Thru-Hole		P Jackpost	
	-15					
	-21	NS Pin Contacts, Size #24 Solder Cup	M Jackscrew, Hex Head, Removable		M1 Jackscrew, Hex Head, Extended, Removable	
	-25					
	-31					
MLDM2L Low Profile Metal Shell Micro-D with Electroless Nickel Shell Finish (RoHS compliant, preferred for space vehicles and protected environments)	-37	SS Socket Contacts, Size #26 Solder Cup	S Jackscrew, Slot Head, Removable		S1 Jackscrew, Slot Head, Extended, Removable	
	-51					
MLDM32L Low Profile Metal Shell Micro-D with Black Zinc Nickel Shell Finish (RoHS compliant, preferred for tactical equipment where a black finish and good corrosion protection are required)	-51-2	TS Socket Contacts, Size #24 Solder Cup	L Jackscrew, Hex Head, Non-Removable		K Jackscrew, Slot Head, Extended, Non-Removable	
MLDM33L Low Profile Metal Shell Micro-D with Nickel-Fluorocarbon Shell Finish (RoHS compliant, excellent corrosion protection, grey color)			F Float Mount for Front-Panel Mounting		R Float Mount for Rear-Panel Mounting	
			H #2-56 Threaded Inserts			

E



Low Profile Metal and Plastic Shell Micro-D MLDM Metal Shell Solder Cup Contacts

MLDM SOLDER CUP DIMENSIONS



Layout	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		H Max.		J Max.	
	In.	mm.	In. $\pm .003$	mm. ± 0.08	In.	mm.	In.	mm.	In.	mm.	In. $\pm .003$	mm. ± 0.08	In.	mm.	In.	mm.	In.	mm.
9P	.788	20.02	.565	14.35	.292	7.42	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	.405	10.29
9S	.788	20.02	.565	14.35	.380	9.65	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	.405	10.29
15P	.938	23.83	.715	18.16	.442	11.23	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	.555	14.10
15S	.938	23.83	.715	18.16	.530	13.46	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	.555	14.10
21P	1.088	27.64	.865	21.97	.592	15.04	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	.705	17.91
21S	1.080	27.64	.865	21.97	.680	17.27	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	.705	17.91
25P	1.188	30.18	.965	24.51	.692	17.58	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	.805	20.45
25S	1.185	30.18	.965	24.51	.780	19.81	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	.805	20.45
31P	1.338	33.99	1.115	28.32	.842	21.39	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	.955	24.26
31S	1.338	33.99	1.115	28.32	.930	23.62	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	.955	24.26
37P	1.488	37.80	1.265	32.13	.992	25.20	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	1.105	28.07
37S	1.488	37.80	1.265	32.13	1.080	27.43	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	1.105	28.07
51P	1.438	36.53	1.215	30.86	.942	23.93	.177	4.50	.260	6.60	.199	5.05	.390	9.91	.220	5.59	1.058	26.87
51S	1.438	36.53	1.215	30.86	1.030	26.16	.260	6.60	.260	6.60	.180	4.57	.377	9.58	.220	5.59	1.058	26.87
51-2P	1.835	46.61	1.615	41.02	1.340	34.04	.134	3.40	.218	5.54	.199	5.05	.390	9.91	.175	4.45	1.455	36.96
51-2S	1.835	46.61	1.615	41.02	1.425	36.20	.218	5.54	.218	5.54	.180	4.57	.377	9.58	.175	4.45	1.455	36.96