

## Electro-Mechanical Specifications

TYPE	PERFORMANCE
Durability	500 Mating Cycles min
Temperature	-55°C to +125°C
Insulation Resistance	5,000 Megohms @ 500 VDC
Shock	50 g's with no discontinuities > 1 microsecond
Vibration	20 g's with no discontinuities > 1 microsecond

## Signal Contacts

TYPE	PERFORMANCE
Dielectric Withstand Voltage	600 VAC RMS @sea level
Contact Resistance	26 milliohms (65 mV) max @2.5 amp
Current Rating	3 amps per contact
Mating/Unmating Force	10 oz. max per contact

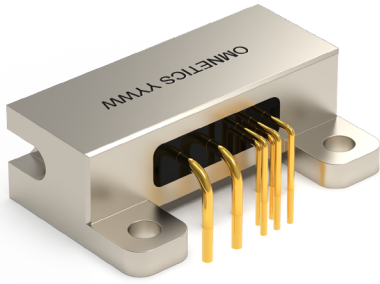
## Power Contacts

TYPE	PERFORMANCE
Dielectric Withstand Voltage	1000 VAC RMS @sea level
Contact Resistance	7 milliohms (55 mV drop) max @2.5 amps
Current Rating	7.5 amps per contact
Mating/Unmating Force	16/10 oz. max per contact (respectively)

## Material Specifications

TYPE	PERFORMANCE
Contact	Copper Alloy Per MIL-DTL-83513 (Signal) or SAE AS39029 (Power)
Signal Contact Finish	Gold per ASTM B488, Type II, Class 1.27, Code C Over Nickel Underplate
Power Contact Finish	Gold per MIL-G-45204, Type II, Grade C, Class 1, Code C Over Nickel Underplate
Insulator	PPS or PEEK
Hardware	Stainless Steel, 300 Series, Passivated per SAE AMS-2700
Aluminium with Nickel Plating	Alloy 6061 per SAE AMS-QQ-Q-200/8, Nickel per SAE-AMS-2404
Stainless Steel	300 Series, Passivated per SAE AMS-2700
Aluminium with Cadmium Plating	Alloy 6061 per SAE AMS-QQ-A-200/8, Cadmium With Yellow Chromate Conversion per SAE AMS-QQ-P-416, Type II, Class 3 Over Nickel Underplate

# MICRO-D HYBRID ARRANGMENTS



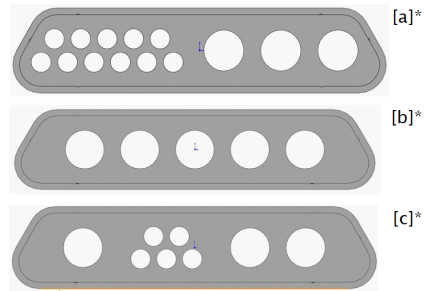
LMDS-02P05-H2



MMDP-03P11-WD

MAX # OF SIGNALS GIVEN THE BELOW # OF POWER (ALL POWER ON ONE SIDE) [a]												
HOUSING SIZE	HOUSING ROWS	1	2	3	4	5	6	7	8	9	10	11
9	2	3	1									
15	2	9	5	1								
21	2	15	11	7	1							
25	2	19	15	11	5	1						
31	2	25	21	17	11	7	3	1				
37	2	31	27	23	17	13	9	5	1			
51	2	45	41	37	31	27	23	19	15	11	5	1

MAX # OF POWER, NO SIGNAL [b]		
HOUSING SIZE	HOUSING ROWS	#
9	2	2
15	2	3
21	2	4
25	2	5
31	2	7
37	2	8
51	2	11



MAX # OF SIGNALS GIVEN THE BELOW # OF POWER (POWER SPLIT - BOTH ENDS) [c]												
HOUSING SIZE	HOUSING ROWS	1	2	3	4	5	6	7	8	9	10	11
9	2											
15	2	3	1									
21	2	9	5	1								
25	2	13	9	5	1							
31	2	19	15	11	7	3	1					
37	2	25	21	17	13	9	5	1				
51	2	39	35	31	27	23	19	13	9	5	1	

\*ALL CONFIGURATIONS PICTURED ARE STANDARD SIZE 25 MICRO-D'S