# Datasheet for part number MDM-69PL2L

| Our Catalog Part Number: MDM-69PL2L |
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| Our Global Manufacturing Part Number: 096524-0041 |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet | |
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| Series | MDM Micro D |
| Contact Quantity | 69 |
| Contact Gender | Pin |
| RoHS Compliant | No |
| Shell Style | Plug |
| Wire Color | Uninsulated |
| Wire Type | Solid Uninsulated |
| Length of Wire | 1 Inch Min |
| Contact Material | Gold plated copper alloy |
| Contact Term Type | Crimp |
| Contact Resistance | 8 milliohms max. |
| Wire Gauge | #25 AWG Wire |
| Shell Material | Metal Shell |
| Plating | Yellow Chromate/Cadmium over Nickel |
| Insulator Material | Contact size 9 to100 = liquid crystalline polymer, contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| Hardware | Jackscrew (low profile) |
| Coupling | Jackscrew Coupling |
| Current Rating | 3 A max. |
| Dielectric Withstanding Voltage | 600 VAC at sea level<br>150 VAC at 70,00' altitude |
| Insulator Resistance | 5000 megohms min. |
| Operating Temperature | -55°C to +125°C |
| Physical Shock | 50 G's, 3 axes, 6 milisecond duration sawtooth pulse |
| Vibration | 20G's, 10-2000 Hz. 12 hours |
| Durability | 500 cycles of mating and unmating, 500 CPH max. |
| Moisture Resistance | Insulator resistance > 100 megohms |
| SaltSpray | 48 hours |

Specifications and dimensions subject to change.



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