

# Datasheet for part number MDM-69PH006B-A174

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|--------------------------------------------------------------------------|
| Our Catalog Part Number: MDM-69PH006B-A174                               |
| Our Global Manufacturing Part Number: 096524-0018                        |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet               |                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------|
| Series                          | MDM Micro D                                                                                                |
| Contact Quantity                | 69                                                                                                         |
| Contact Gender                  | Pin                                                                                                        |
| RoHS Compliant                  | Yes                                                                                                        |
| Shell Style                     | Plug                                                                                                       |
| Wire Color                      | Color Coded                                                                                                |
| Wire Type                       | Per Mil M16874/4                                                                                           |
| Length of Wire                  | 36 Inch Min                                                                                                |
| Contact Material                | Gold plated copper alloy                                                                                   |
| Contact Term Type               | Crimp                                                                                                      |
| Contact Resistance              | 8 milliohms max.                                                                                           |
| Wire Gauge                      | #26 AWG Wire                                                                                               |
| Shell Material                  | Metal Shell                                                                                                |
| Plating                         | Electroless Nickel                                                                                         |
| Insulator Material              | Contact size 9 to100 = liquid crystalline polymer,<br>contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| Hardware                        | HARDWARE=B .092 dia mtg holes                                                                              |
| Coupling                        | Friction 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.