



Datasheet for part number MDM-9SH002F-A174

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| Our Catalog Part Number: MDM-9SH002F-A174                                |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet               |                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------|
| Series                          | Micro "D" Metal Shell                                                                                   |
| Arrangement                     | 9 Contact                                                                                               |
| Gender                          | Socket                                                                                                  |
| Contact Material                | gold plated copper alloy                                                                                |
| Contact Typ                     | crimp                                                                                                   |
| Contact Resistance              | 8 milliohms max.                                                                                        |
| Termination Type                | 12" Min, M16874/4 #26AWG, Colored Code                                                                  |
| Shell Material                  | Aluminum                                                                                                |
| Shell Finish                    | Electroless Nickel                                                                                      |
| Insulator Material              | contact size 9 to100 = liquid crystalline polymer, contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| Hardware                        | Float Mount                                                                                             |
| 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.                                                                                       |
| Thermal Shock                   | -55°/+125°                                                                                              |
| 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                                                                                                |