



# Datasheet for part number MDM-25PR074P-F300

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|--------------------------------------------------------------------------|
| Our Catalog Part Number: MDM-25PR074P-F300                               |
| Our Global Manufacturing Part Number: 096516-1074                        |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet               |                                                      |
|---------------------------------|------------------------------------------------------|
| Series                          | Micro "D" Metal Shell                                |
| Arrangement                     | 25 Contact                                           |
| Gender                          | Pin                                                  |
| Contact Material                | Gold plated copper alloy                             |
| Contact Type                    | Crimp                                                |
| Contact Resistance              | 8 milliohms max.                                     |
| Termination Type                | 18" Min, M22759/87 #26AWG, System 1                  |
| Shell Material                  | Stainless Steel                                      |
| Shell Finish                    | Passivated Stainless Steel                           |
| Insulator Material              | Liquid crystalline polymer                           |
| Hardware                        | Jackpost (standard)                                  |
| 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.                                    |
| Thermal Shock                   | -55°C to +230°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                                             |