



# Datasheet for part number M83513/10-D01CP

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|---------------------------------------------------------------------------------|
| Our Catalog Part Number: M83513/10-D01CP                                        |
| Our Global Manufacturing Part Number: 154176-0027 MS                            |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: M83513-10-27 |

| Product Datasheet               |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| Series                          | Micro D Metal Shell - 0.050 inch spacing                                     |
| Slash Sheet                     | Connector, Plug, Condensed Board Right Angle (CBR), Sizes 9 – 37             |
| Arrangement                     | 25 Contact                                                                   |
| Contact Typ                     | soldert pot                                                                  |
| Contact Material                | gold plated copper alloy                                                     |
| Contact Resistance              | 8 milliohms max.                                                             |
| Wire Length                     | 0.109" long, #24 AWG solid copper wire per QQ-W-343, Type "S", solder dipped |
| Shell Material                  | Aluminum                                                                     |
| Shell Finish                    | Cadmium / Yellow chromate over nickel                                        |
| Insulator                       | LCP                                                                          |
| Hardware                        | Jackpost (permanently attached)                                              |
| 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                                                                     |