



Datasheet for part number M83513/02-EC

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|-------------------------------------------------------------------------------|
| Our Catalog Part Number: M83513/02-EC                                         |
| Our Global Manufacturing Part Number: 154177-0000 MS                          |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: M83513-1-4 |

| Product Datasheet               |                                                      |
|---------------------------------|------------------------------------------------------|
| Series                          | Micro D Metal Shell - 0.050 inch spacing             |
| Slash Sheet                     | Receptacle, Connector                                |
| Arrangement                     | 31 Contact                                           |
| Contact Typ                     | Solder pot                                           |
| Contact Material                | gold plated copper alloy                             |
| Contact Resistance              | 8 milliohms max.                                     |
| Shell Material                  | Aluminum                                             |
| Shell Finish                    | Cadmium / Yellow chromate over nickel                |
| Insulator                       | LCP                                                  |
| 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                                             |