



Datasheet for part number M83513/18-H01CP

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| Our Catalog Part Number: M83513/18-H01CP |
| Our Global Manufacturing Part Number: 154184-0039 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, BR, Size 100 |
| Arrangement | 100 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 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 |