



Datasheet for part number MDSM-18PE-Z7-VR25

|   |
|---|
| Our Catalog Part Number: MDSM-18PE-Z7-VR25                              |
| Our Global Manufacturing Part Number: 121661-1048                       |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MDSM |

| Product Datasheet        |  |
|--------------------------|--|
| Series                   | Micro MDSM   |
| Mating Cycles            | 500  |
| Layout                   | 18 contacts  |
| Gender                   | Pin  |
| Termination Type         | Solder pin 90°, spacing 1,27 x 2,54 mm, with rivet nut and grounding tab |
| Mounting Methode         | Screw  |
| Packaging                | 25 pieces in tube packaging  |
| Insulator                | Thermoplast, UL94V-0   |
| Contact guiding plate    | PA, high temperature resistant   |
| Shell                    | Steel, tinned and nickel plated  |
| Contact Type             | Copper alloy   |
| Contact Finish           | Gold over PdNi   |
| Contact Termination Area | Tin  |
| Wire size                | AWG 26 - 28  |
| Insulation diameter      | 0.95 mm max  |
| Contact spacing          | 1.27 mm  |
| Temperature range        | -55°/+125°   |
| Current rating           | 2.5 A / 25°C (row 1, 2)<br>1.8 A / 25°C (row 3, 4)                       |
| Test voltage             | 350 Vrms   |
| Contact resistance       | 35 mOhm max (row 1, 2)<br>55 mOhm max (row 3, 4)                         |
| Insulation resistance    | 500 mOhm min   |