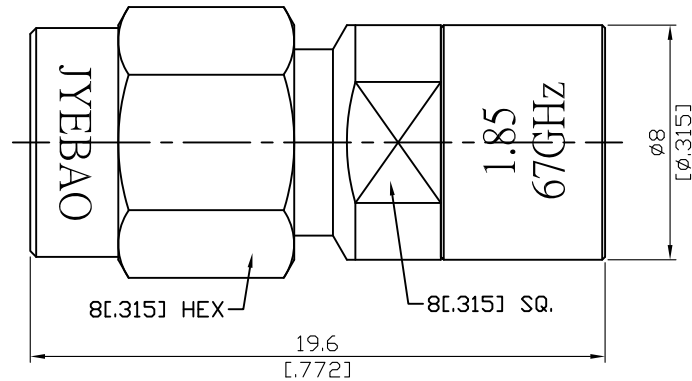


1.85-3900S-0067-1.6

1 Watt 1.85mm Plug Termination
67GHz VSWR 1.6:1

50Ω



1 W Average Power From -40°C to 70°C Linearly Derated To 0.7 Watt at 105°C

| Parts | Material | Plating (Micro-inch) |
|---------------|------------------|---|
| Retainer Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Gasket | Silicone | |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | PPO | |
| Body | Stainless Steel | Passivated |
| Coupling Nut | Stainless Steel | Passivated |
| Back Cover | Aluminum | Anodized(Green) |

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| 1.85 | 1.85-3900S-0067-1.6 |
|---|---------------------|
| <div data-bbox="113 327 513 376" style="border: 1px solid black; padding: 2px;">Interface</div> <p>IEEE 287; IEC61169-32</p> <p>Mechanically compatible with 2.4</p> | |
| <div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 67GHz</p> <p>VSWR ≤ 1.6 (DC to 67GHz)</p> <p>Insertion loss ≤ 0.05 x √f(GHz) dB</p> <p>Insulation resistance ≥ 5000MΩ</p> <p>Contact resistance inner conductor ≤ 4mΩ</p> <p>Contact resistance outer conductor ≤ 2.5mΩ</p> <p>Dielectric withstanding voltage (sea level) 500V rms</p> <p>Working voltage (sea level) 150V rms</p> <p>RF leakage ≥ 100dB to 1GHz</p> | |
| <div data-bbox="113 1084 513 1133" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 7.08 to 9.74 inch lbs</p> <p>Coupling proof Torque 15 inch lbs</p> <p>Contact captivation-axial ≥ 4.5 lbs</p> <p>Durability (mating) ≥ 500</p> | |
| <div data-bbox="113 1391 513 1440" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -55°C to +105°C</p> <p>Thermal shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture resistance MIL-STD-202, Method 106</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p> | |
| <div data-bbox="113 1744 513 1794" style="border: 1px solid black; padding: 2px;">Tooling</div> | |

Notice: JYEBAO reserves the right to make modifications deemed appropriate.