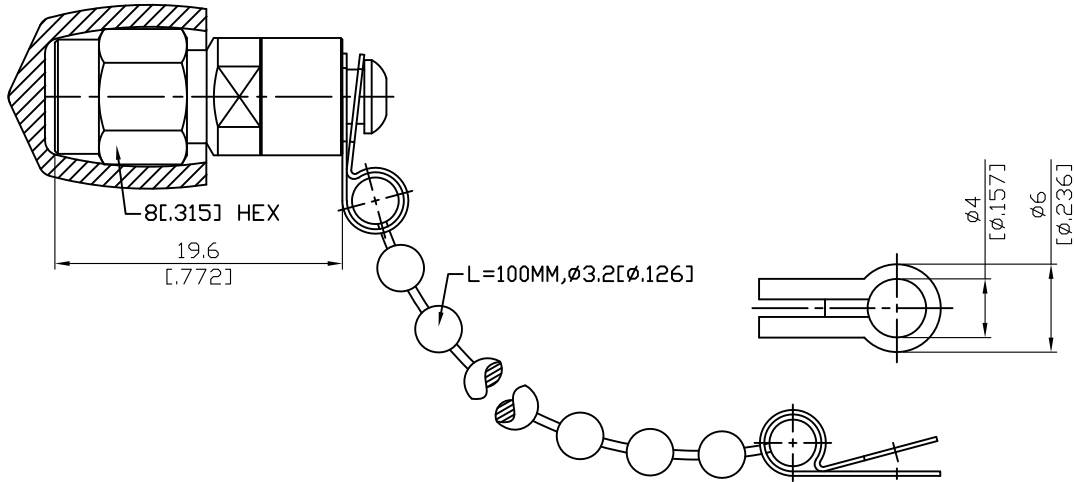


1.85-3980S-0067-1.6

1 Watt 1.85mm Plug Termination  
With Chain 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)
Chain	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Rivet	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Free Reed	Stainless Steel	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Cap	PVC	

This part number complies with RoHS.

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

1.85	1.85-3980S-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 <span style="float: right;">2.4</span></p>	
<div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance <span style="float: right;">50Ω</span></p> <p>Frequency range <span style="float: right;">DC to 67GHz</span></p> <p>VSWR <span style="float: right;">≤ 1.6 (DC to 67GHz)</span></p> <p>Insertion loss <span style="float: right;">≤ 0.05 x √f(GHz) dB</span></p> <p>Insulation resistance <span style="float: right;">≥ 5000MΩ</span></p> <p>Contact resistance inner conductor <span style="float: right;">≤ 4mΩ</span></p> <p>Contact resistance outer conductor <span style="float: right;">≤ 2.5mΩ</span></p> <p>Dielectric withstanding voltage (sea level) <span style="float: right;">500V rms</span></p> <p>Working voltage (sea level) <span style="float: right;">150V rms</span></p> <p>RF leakage <span style="float: right;">≥ 100dB to 1GHz</span></p>	
<div data-bbox="113 1084 513 1133" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque <span style="float: right;">7.08 to 9.74 inch lbs</span></p> <p>Coupling proof Torque <span style="float: right;">15 inch lbs</span></p> <p>Contact captivation-axial <span style="float: right;">≥ 4.5 lbs</span></p> <p>Durability (mating) <span style="float: right;">≥ 500</span></p>	
<div data-bbox="113 1391 513 1440" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range <span style="float: right;">-40°C to +105°C</span></p> <p>Thermal shock <span style="float: right;">MIL-STD-202, Method 107, Condition B</span></p> <p>Moisture resistance <span style="float: right;">MIL-STD-202, Method 106</span></p> <p>Corrosion <span style="float: right;">MIL-STD-202, Method 101, Condition B</span></p> <p>RoHS <span style="float: right;">Compliant</span></p>	
<div data-bbox="113 1744 513 1794" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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