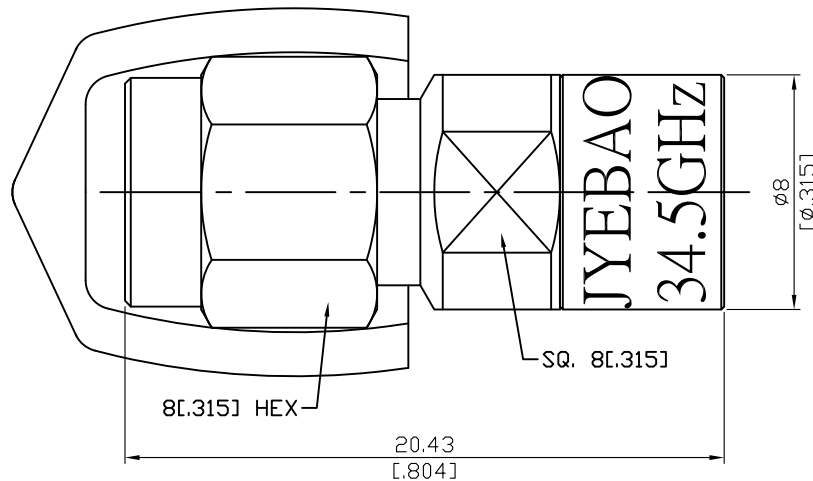


3.5-3900S-0035-1.25

1 Watt 50ohm 3.5mm Plug Termination  
34.5GHz VSWR 1.25

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
Cover	Aluminum	Anodized (Green)
Dust Cap	PVC	

This part number complies with RoHS.

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

3.5	3.5-3900S-0035-1.25
<div data-bbox="167 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p>IEC 60169-23 Mechanically compatible with</p>	
<div data-bbox="167 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω Frequency range DC to 34.5GHz VSWR <math>\leq 1.25</math> to 34.5GHz Insertion loss <math>\leq 0.03 \times \sqrt{f(\text{GHz})}</math> dB Insulation resistance <math>\geq 5000\text{M}\Omega</math> Contact resistance inner conductor <math>\leq 3\text{m}\Omega</math> Contact resistance outer conductor <math>\leq 2\text{m}\Omega</math> Dielectric withstanding voltage (at sea level) 1000 V rms Working voltage (at sea level) 335 V rms RF leakage <math>\geq 100\text{dB}</math> to 1GHz</p>	
<div data-bbox="167 1104 568 1149" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 7.1 to 9.7 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force <math>\geq 60.7</math> lbs Contact captivation-axial <math>\geq 6.1</math> lbs Durability (mating) <math>\geq 500</math></p>	
<div data-bbox="167 1458 568 1503" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -55°C to +105°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant</p>	
<div data-bbox="167 1814 568 1859" style="border: 1px solid black; padding: 2px;">Tooling</div>	