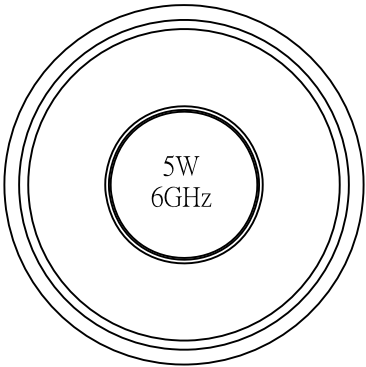
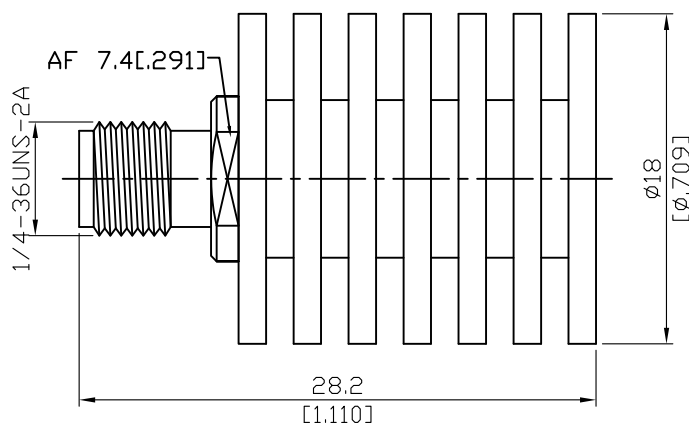


HPT-AF0/6G5W50

5 Watt 50ohm SMA Jack Termination  
6GHz VSWR 1.1

50Ω



5W average power from -55°C to +70°C linearly derated to 1.5W at 165°C

Parts	Material	Plating ( Micro-inch )
SMA Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Heat Sink	Aluminum	Black Chromium 100
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	

SMA	HPT-AF0/6G5W50
<div>Interface</div> MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
<div>Electrical Data</div> Impedance 50Ω Frequency range DC to 6GHz VSWR $\leq 1.1$ (DC to 6GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms	
<div>Mechanical Data</div> Recommended coupling nut torque 4 inch lbs Coupling proof torque 5.3 inch lbs Coupling nut retention force $\geq 60.7$ lbs Contact Captivation-axial $\geq 6.1$ lbs Durability (mating) $\geq 100$	
<div>Environmental Data</div> Temperature range -55°C to +165°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	
<div>Tooling</div>	

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