

3.5mm Male Termination, DC-33 GHz, 2 Watts
TVAC Compatible


Rev 1

Electrical

Impedance	50 ohm
Frequency Range	DC-33 GHz
VSWR	1.2 max
Average Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C
Peak Power	20W (5 micro-sec pulse width, 1% duty cycle)

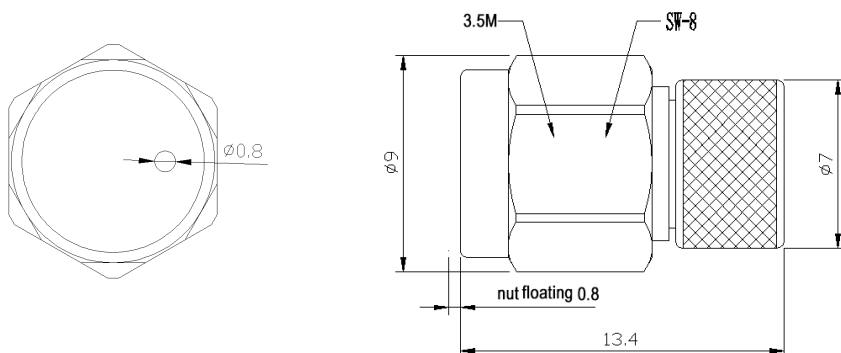
Mechanical

Connector Body	Passivated stainless steel
Center Contact	1.27um Gold plated beryllium brass
Net Weight	Approx 3g

Environmental

Operating Temperature	-55°C to +85°C
Operating Vacuum	$\leq 5 \times 10^{-6}$ mbar
Low Outgassing	Materials selected per ASTM E595 criteria (TML < 1%, CVCM < 0.1%)
Venting	Vent hole provided for rapid pressure equalization
Mechanical Shock	MIL-STD-202, Method 213, Cond. B
Random Vibration	MIL-STD-202, Method 214, Cond. A
Thermal Shock	MIL-STD-202, Method 107, Cond. B

Dimensions (mm)



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Typical Test Data at 25°C ambient

