150W High Power Embedded Termination
DC – 10GHz

Note: The photo is for illustration purposes only.
Please refer to the outline drawing.

RoHS Compliant

Features

- High Power Handling: 150W
- Low VSWR

Typical Applications

- Research and Development
- Wireless Infrastructure
- Test and Measurement
- Microwave Subsystems

Electrical Specifications, T_A=25 ℃

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		10	GHz
VSWR			1.35	:1
Average Power			150	W
Peak Power			10	KW
Nominal Impedance	50			Ω
Weight	6.70			Ounces
Coaxial Connector	N,SMA			
Material	Aluminum			

Environmental Specifications and Test Standards

Parameter	Standard	Description
Operational Temperature	MIL-STD-39016	-45℃~+85℃
Storage Temperature		-55℃~+125℃
Thermal Shock		1 Hour@ -45℃ → 1 Hour @ +85℃ (5 Cycles)
Random Vibration		Acceleration Spectral Density 6 (m/s) Total 92.6 RMS
Electrical & Temperature Burn In		Temperature +85℃ for 72 Hours
Shock		1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude		Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)	MIL-STD-883	MIL-STD-883 (For Hermetically Sealed Units)

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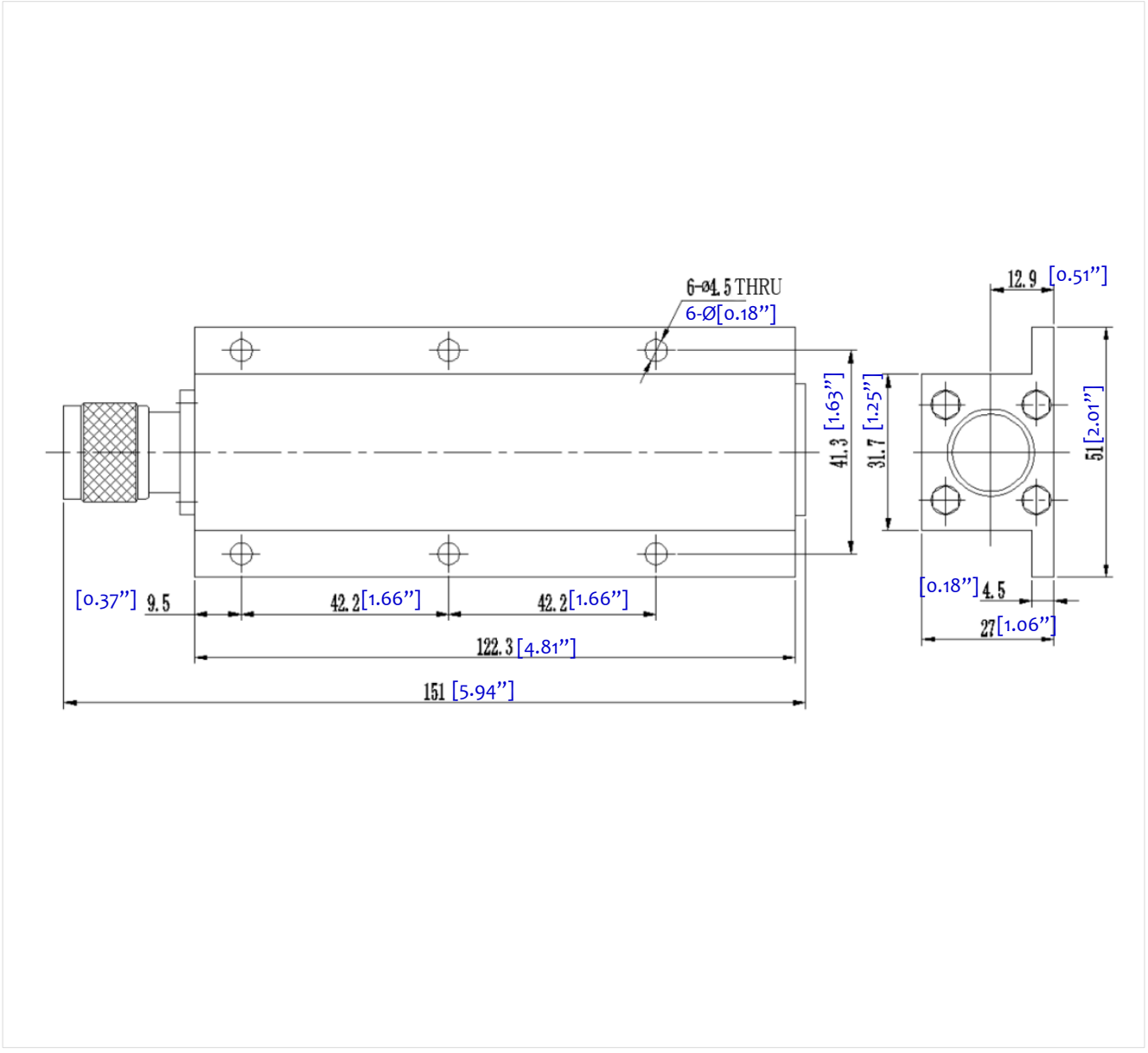
Outline Drawing:

All Dimensions in mm [inches]



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