150W Coaxial Termination
DC – 1GHz

RoHS Compliant

Features

- Wide frequency Band
- Low VSWR

Typical Applications

- Test and Measurement
- Wireless Infrastructure
- Military and Aerospace

Electrical Specifications ,T_A=25 ℃

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		1	GHz
VSWR			1.20	: 1
Average Power	150			W
Peak Power Handling (5μs pulse,5% Duty Cycle)	10			KW
Weight	63.49			ounces
Impedance	50			Ω
Connector Type	N,7/16			

Environmental Specifications and Test Standards

Parameter	Standard	Description
Operational Temperature	MIL-STD-39016	-40℃~+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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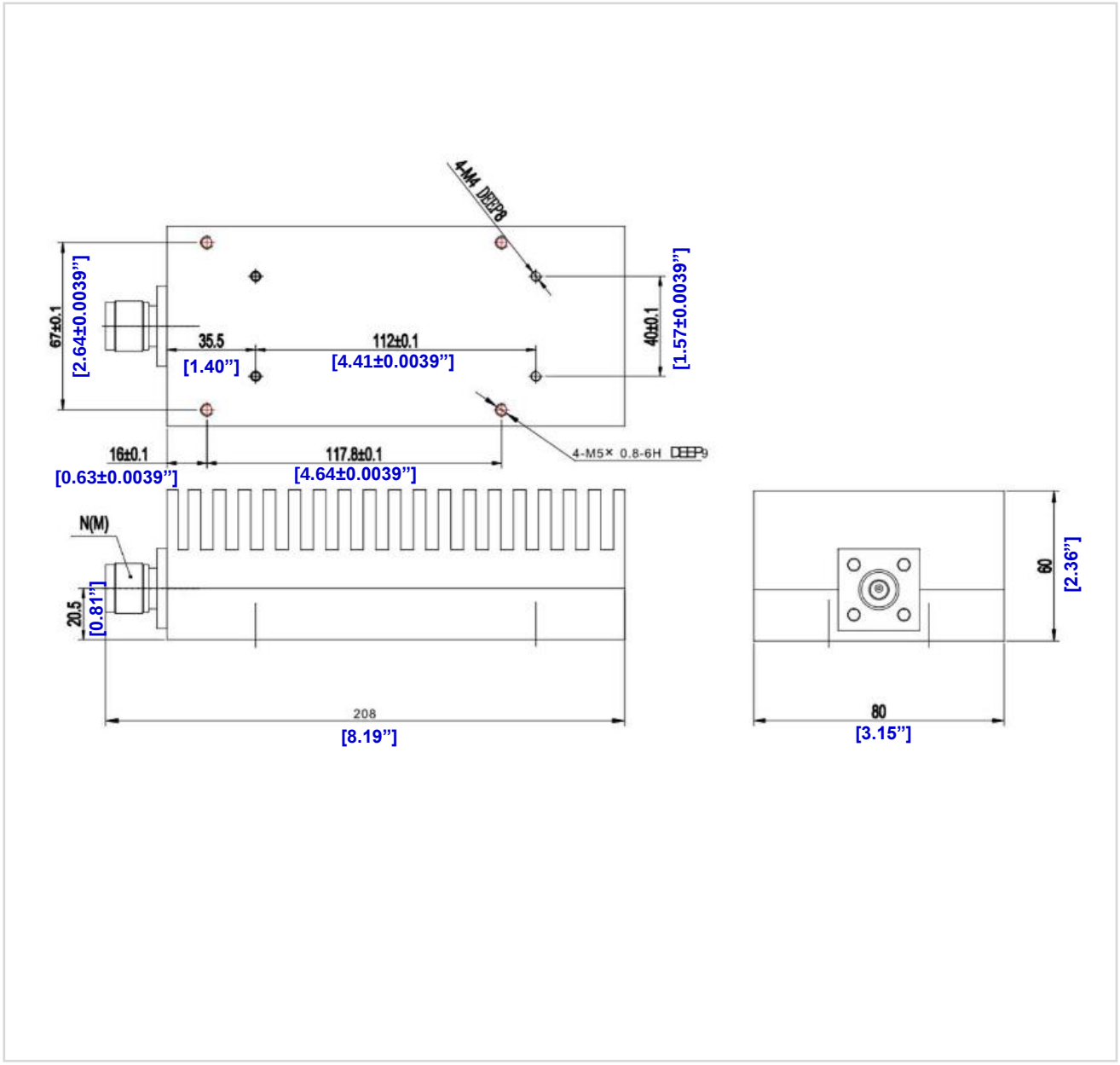
Outline Drawing:

All Dimensions in mm [inches]



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