

Flange Mount Termination
300 Watts, 50Ω



Description:

The G300N50W4 is high performance Aluminum Nitride (AlN) flange mount termination. The performance is specifically tuned for ISM band 2.4-2.5GHz and is intended for use in RF heating applications. The termination is also RoHS compliant!

Features:

- RoHS Compliant
- 300 Watts
- 2.4 – 2.5 GHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

General Specifications:

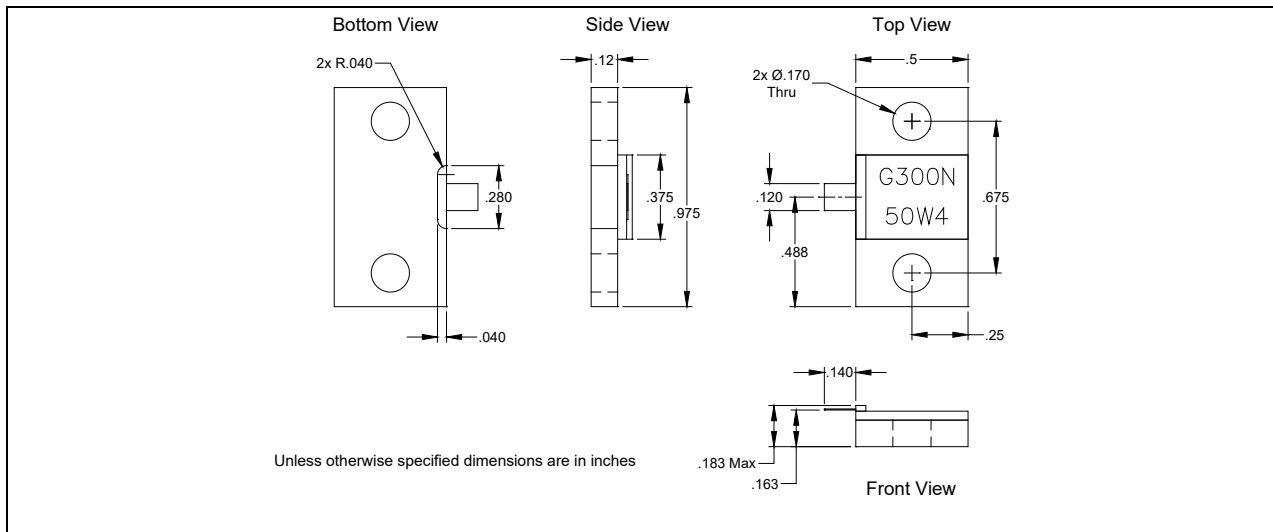
Resistive Element	Thick Film
Substrate	AlN Ceramic
Mounting Flange	Nickel Plated Copper
Operating Temperature	-50 to +150°C (see de rating chart)

Electrical Specifications:

Resistance Value:	50 Ohms Nominal
Power:	300 Watts
Frequency Range:	2.4GHz – 2.5GHz
Return Loss	>25dB:

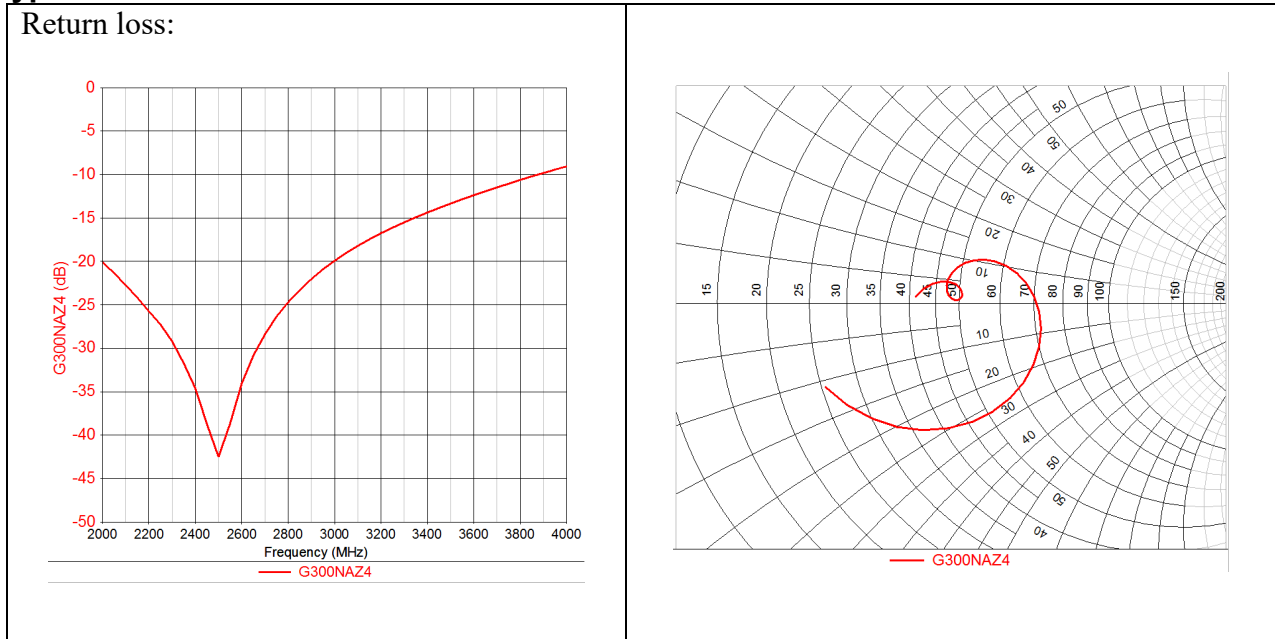
Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change.**

Outline Drawing:

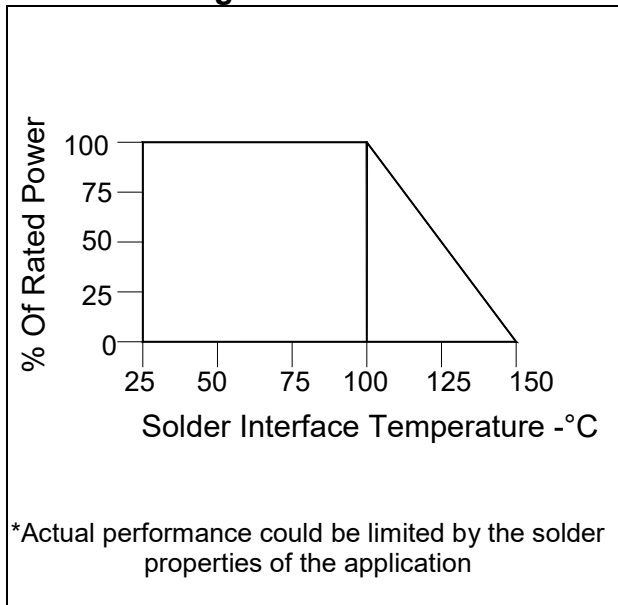


Tolerance is ± 0.010 ", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. **All dimensions in inches.**

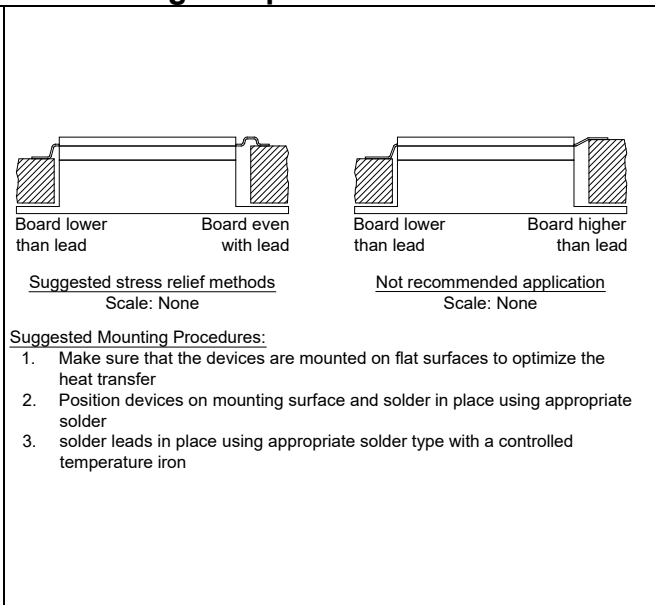
Typical Performance:



Power de-rating:



Mounting Footprint:



Contact us:

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