



Features:

- **RoHS Compliant**
- 150 Watts
- DC 2.7 GHz
- **AIN Ceramic**
- **Non-Nichrome Resistive** Element
- Low VSWR
- 100% Tested

Outline Drawing

Description

The G150N50W4B is high performance Aluminum Nitride (AIN) flange mount termination intended as a cost competitive alternative to Beryllium Oxide (BeO). The termination is well suited to all cellular frequency bands such as; AMPS, GSM, DCS, PCS, PHS and UMTS. The high power handling makes the part ideal for terminating circulators, and for use in power combiners. The termination is also RoHS compliant!

General Specifications

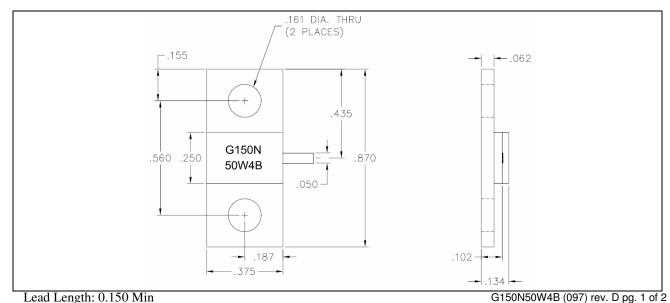
Resistive Element	Thick Film	
Substrate	AIN Ceramic	
Cover	Alumina Ceramic	
Mounting Flange	Nickel Plated Copper	
Tolerance is ±0.010", unless otherwise specified. Designed to meet of exceed		

applicable portions of MIL-E-5400. All dimensions in inches.

Electrical Specifications

Resistance Value:	50 Ohms, ± 2%
Power:	150 Watts
Frequency Range:	DC – 2.7 GHz
Return Loss	> 25 dB to 2.0 GHz
	> 20 dB to 2.7 GHz

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





USA/Canada: Toll Free: Europe:

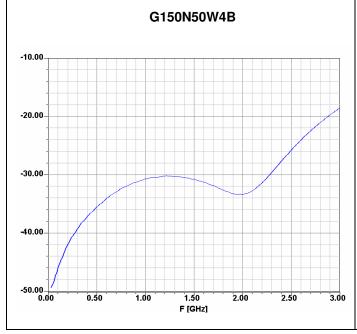
(315) 432-8909 (800) 544-2414 +44 2392-232392

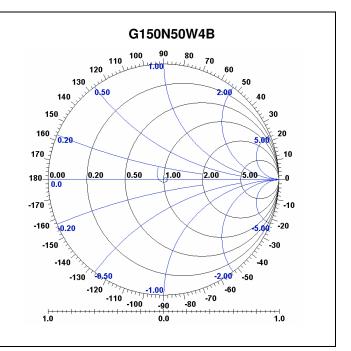
Model G150N50W4B



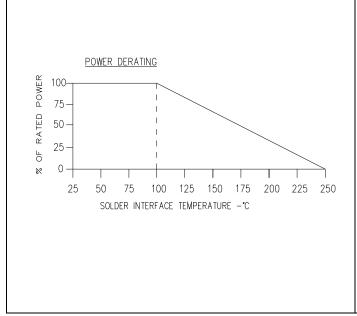
RF Power

Typical Performance:

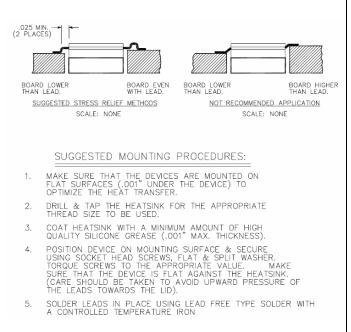




Power De-rating:



Mounting Footprint and Procedure:



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