

Flange Mount Termination 200 Watts, 50Ω



Features:

- RoHS Compliant
- 200 Watts
- DC 2.2 GHz
- AIN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

Description

The G200N50W4 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

Mounting Flange Nickel Plated Copper

Operating Temperature -50 to +150°C (see de rating chart)

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

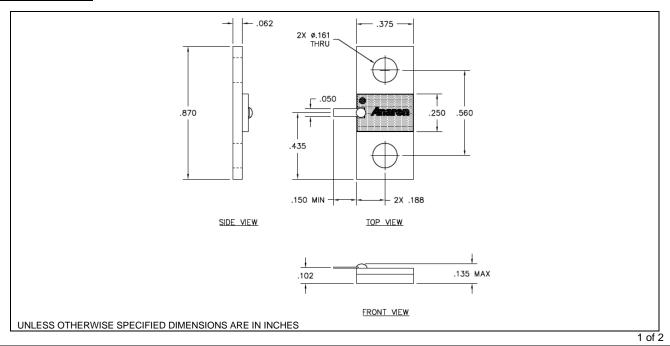
Electrical Specifications

Resistance Value:50 Ohms, \pm 2%Power:200 WattsFrequency Range:DC - 2.2 GHz

Return Loss > 20 dB from DC to 2.2 GHz

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

Outline Drawing



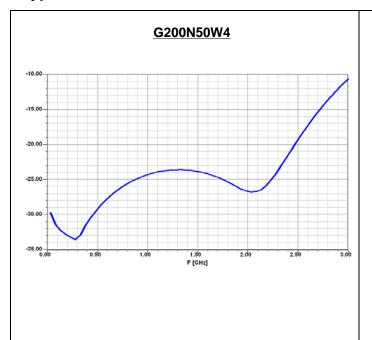


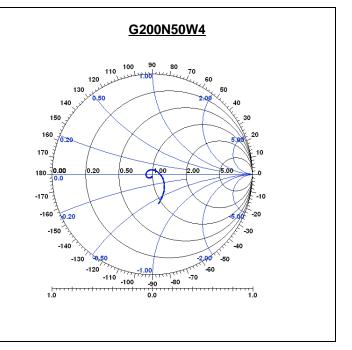
USA/Canada: Toll Free: Europe:

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

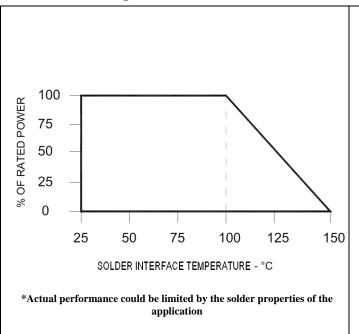


Typical Performance:

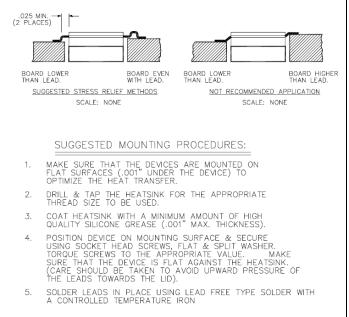




Power De-rating:



Mounting Footprint and Procedure:



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