

# Flange Mount Termination 200 Watts, $50\Omega$



#### Features:

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

#### **Outline Drawing**

### **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!

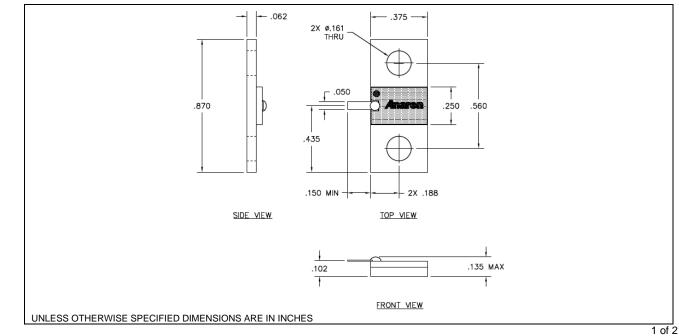
#### **General Specifications**

Resistive Element	Thick Film
Substrate	AIN Ceramic
Mounting Flange	Nickel Plated Copper
<b>Operating Temperature</b>	-50 to +150°C (see de rating chart)
Tolerance is ±0.010", unless other applicable portions of MIL-E-5400.	wise specified. Designed to meet of exceed All dimensions in inches.

#### **Electrical Specifications**

Resistance Value:	50 Ohms, ± 2%
Power:	200 Watts
Frequency 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.



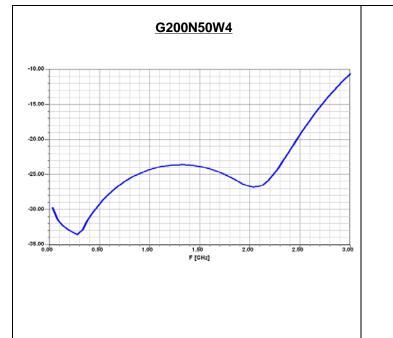


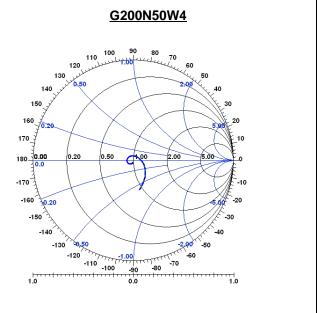
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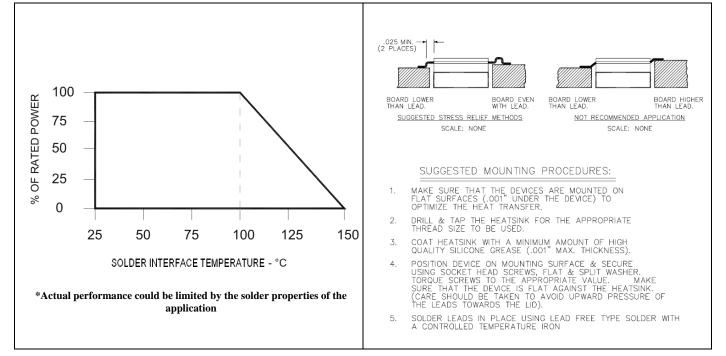
## **Typical Performance:**











2 of 2

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