



General Specifications

Resistive Element	Thick film
Substrate	Beryllium oxide ceramic
Terminal Finish	Thick film Silver
Operating Temperature	-55 to +150°C (see chart)

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

Electrical Specifications

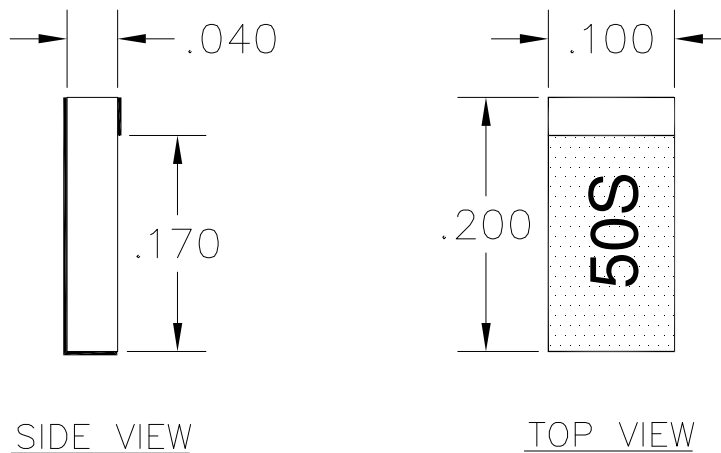
Resistance Value:	50 ohms, $\pm 2\%$
Power:	30 Watts
Frequency Range:	DC – 3.0 GHz
V.S.W.R.:	1.25:1

Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change without notice**

Features:

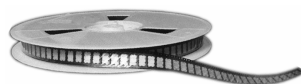
- 30 Watts
- Surface Mountable
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- RoHS Compliant

Outline Drawing



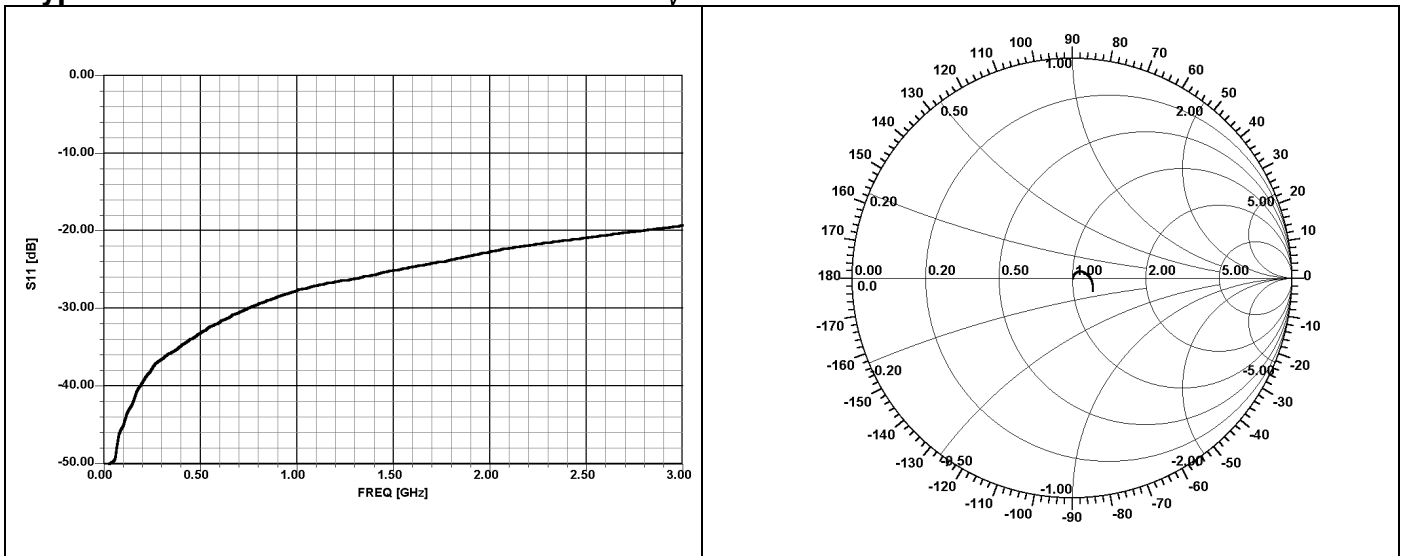
Dimensions are in inches

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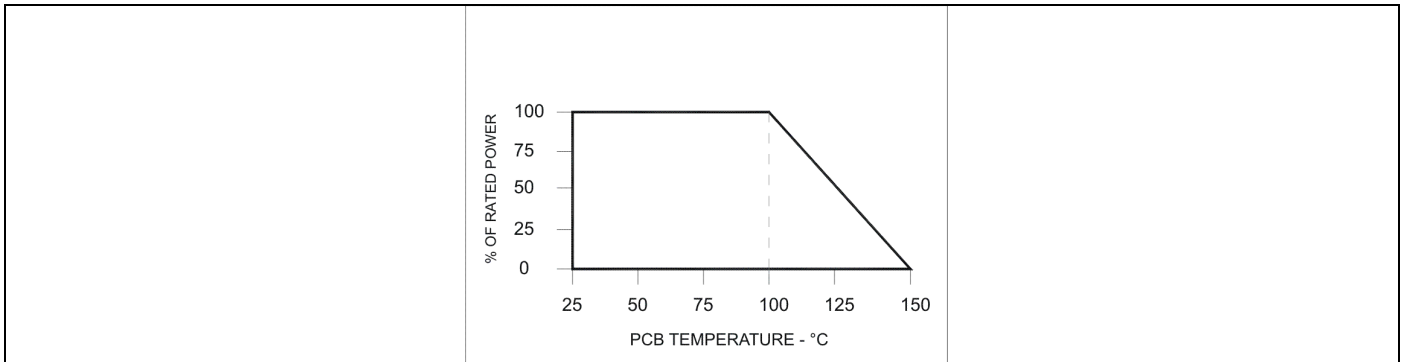




Typical Performance:



Power De-rating:



Mounting Procedure:

The diagrams illustrate two mounting scenarios. The left side shows 'SUGGESTED STRESS RELIEF METHODS' with a dimension of .025 MIN. (2 PLACES) for the gap between the component and the board. It includes two sub-diagrams: 'BOARD LOWER THAN LEAD.' and 'BOARD EVEN WITH LEAD.'. The right side shows 'NOT RECOMMENDED APPLICATION' with two sub-diagrams: 'BOARD LOWER THAN LEAD.' and 'BOARD HIGHER THAN LEAD.'. Both diagrams are labeled 'SCALE: NONE'.

SUGGESTED MOUNTING PROCEDURES:

1. MAKE SURE THAT THE DEVICES ARE MOUNTED ON FLAT SURFACES (.001" UNDER THE DEVICE) TO OPTIMIZE THE HEAT TRANSFER.
2. POSITION DEVICE ON MOUNTING SURFACE AND SOLDER IN PLACE USING APPROPRIATE SOLDER WITH A CONTROLLED TEMPERATURE IRON.

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