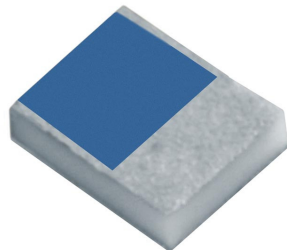


**RoHS
Compliant**

**Chip Termination
4 Watts, 50 Ω**



General Specifications

Resistive Element	Thick film
Substrate	Beryllium Oxide ceramic
Finish	Thick Film Silver

Electrical Specifications

Resistance Range:	50 ohms, $\pm 2\%$
Frequency Range;	DC – 6.0 GHz
Power:	4 Watts
V.S.W.R.	1.10:1

Tolerance is ± 0.010 ", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 150°C (see chart for derating temperatures).

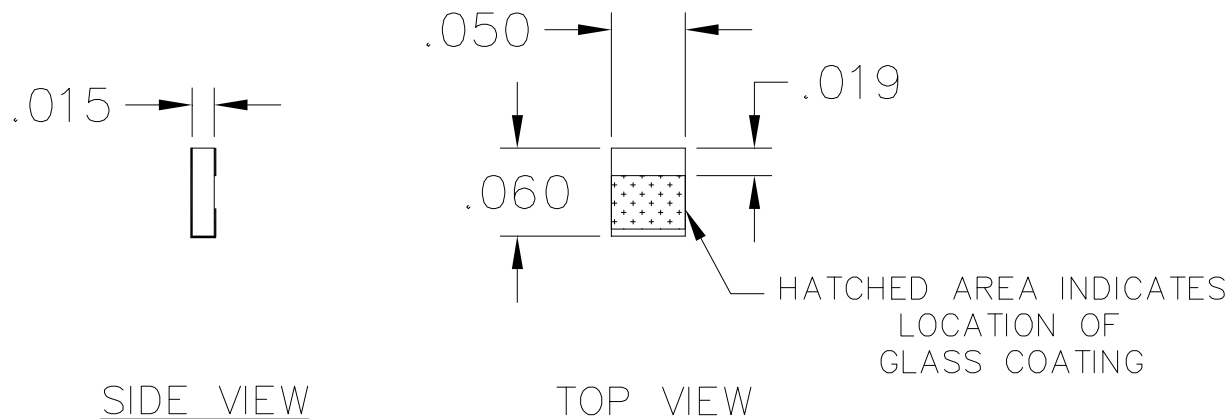
All dimensions in inches.

Specifications subject to change without notice.

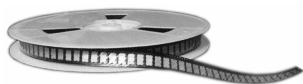
Features:

- DC – 6.0 GHz
- 4 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- RoHS Compliant

Outline Drawing



A4B50X1A (097) Rev B



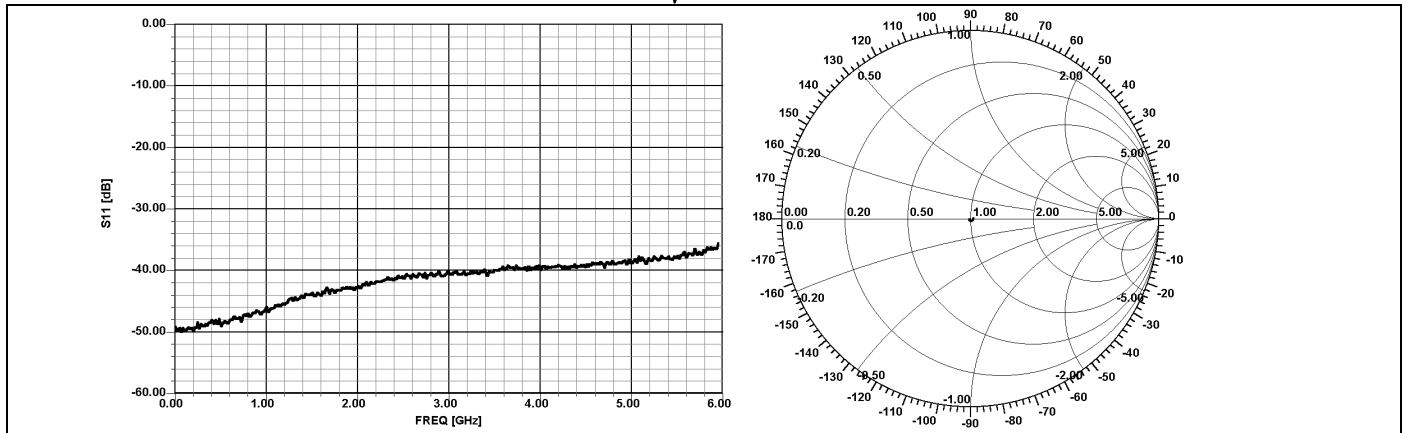
Model A4B50X1A

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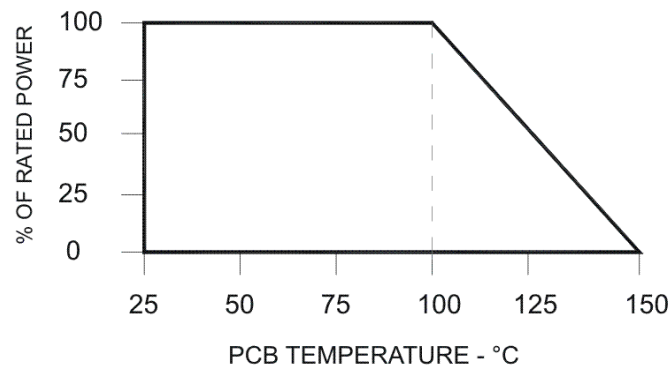
Typical Performance:

RoHS
Compliant

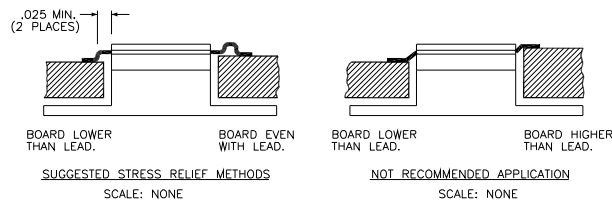
RF Power



Power De-rating:



Mounting Footprint and Procedure:



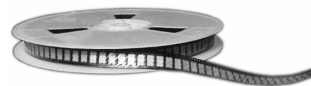
SUGGESTED MOUNTING PROCEDURES:

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 A INDALLOY TYPE OR A SN96 TYPE SOLDER.
3. SOLDER LEADS IN PLACE USING SN96 TYPE SOLDER WITH A CONTROLLED TEMPERATURE IRON (260°C).

A4B50X1A (097) Rev B

USA/Canada: (315) 432-8909
Toll Free: (800) 544-2414
Europe: +44 2392-232392

Available on Tape and
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