



#### General Specifications

<b>Resistive Element</b>	Thick film
<b>Terminations</b>	Thick film silver
<b>Substrate</b>	Beryllium oxide ceramic

#### Electrical Specifications

<b>Resistance value:</b>	50 ohms
<b>Frequency Range;</b>	DC – 3.0 GHz
<b>Power:</b>	16 Watts
<b>VSWR:</b>	1.25:1

Tolerance is  $\pm 0.010$ ", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 125°C (see chart for derating temperatures).

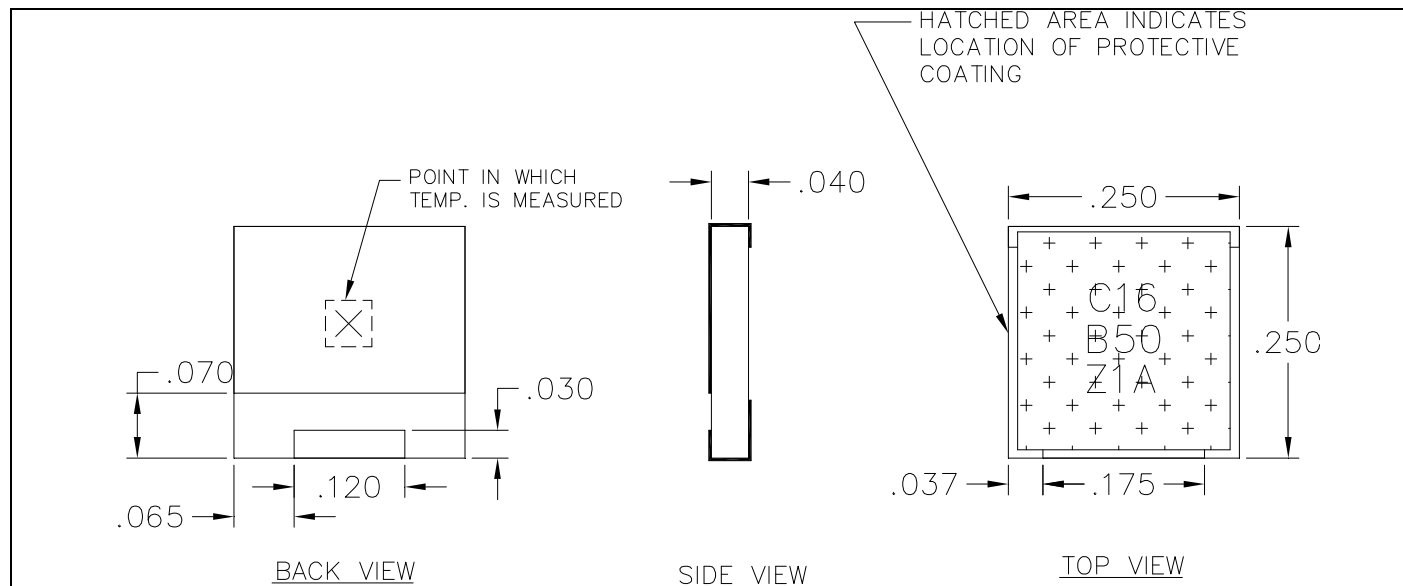
All dimensions in inches.

Specifications subject to change with out notice.

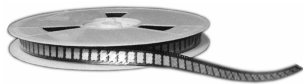
#### Features:

- DC – 3.0 GHz
- 16 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- 100% Tested
- RoHS Compliant

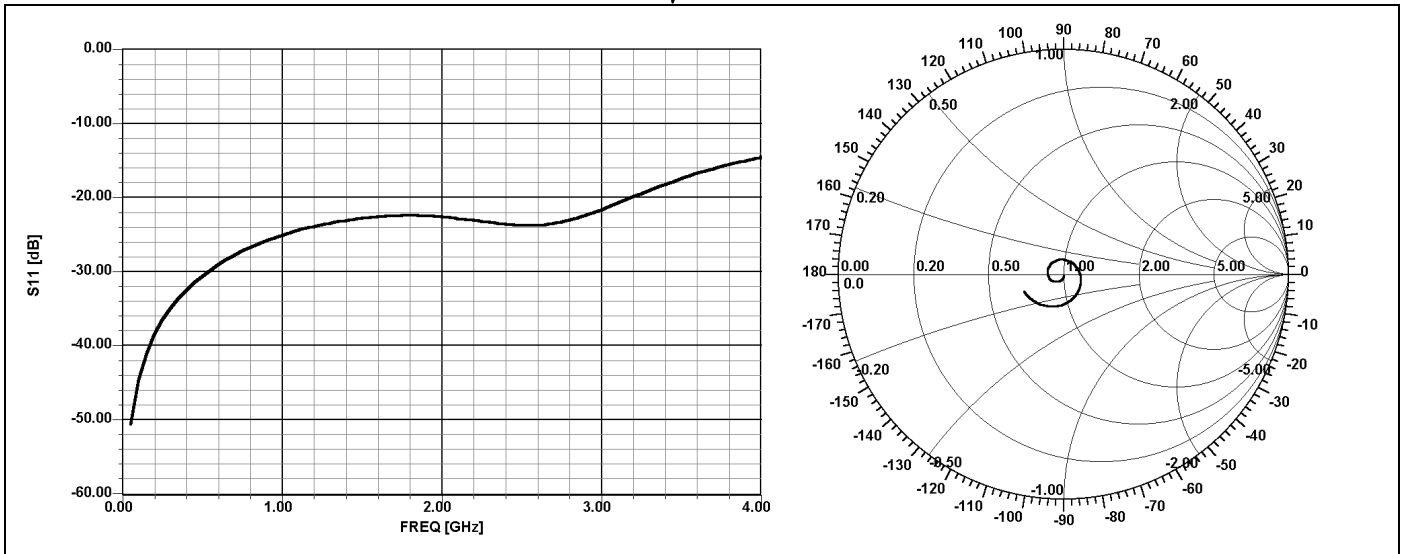
#### Outline Drawing



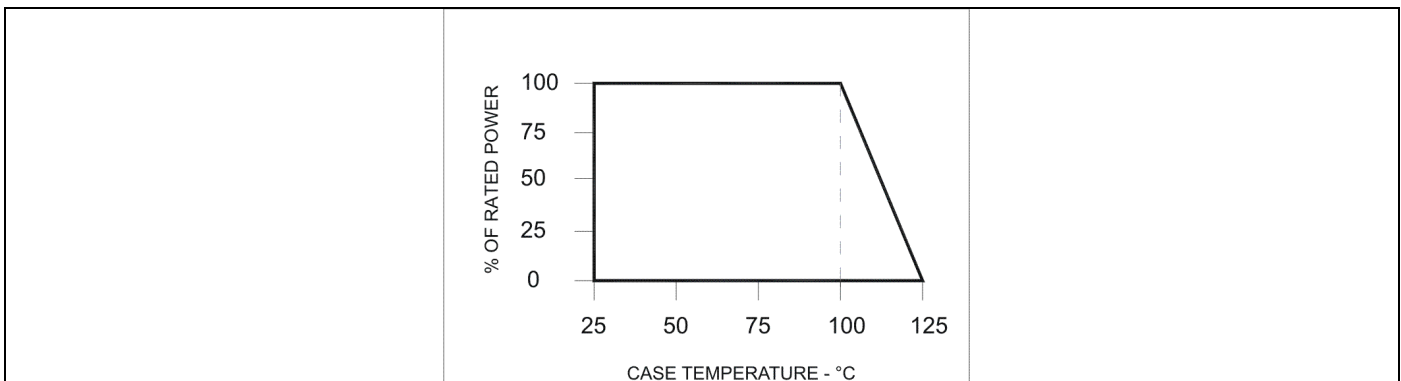
C16B50Z1A (097) Rev B



Typical Performance:



Power De-rating:



Mounting Procedure:

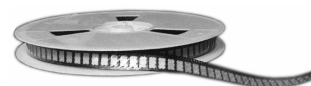
MOUNTING PROCEDURE

1. Make sure that the devices are mounted on flat surfaces (0.001" under the device) to optimize the heat transfer.
2. Position device on mounting surface and solder in place using an appropriate type solder.

C16B50Z1A (097) Rev B

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