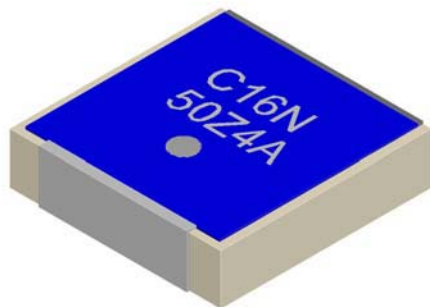


RoHS Compliant

Surface Mount Termination



General Specifications

Resistive Element	Thick film
Finish	Matte Tin over Sulfamate Nickel
Substrate	ALN

Electrical Specifications

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

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

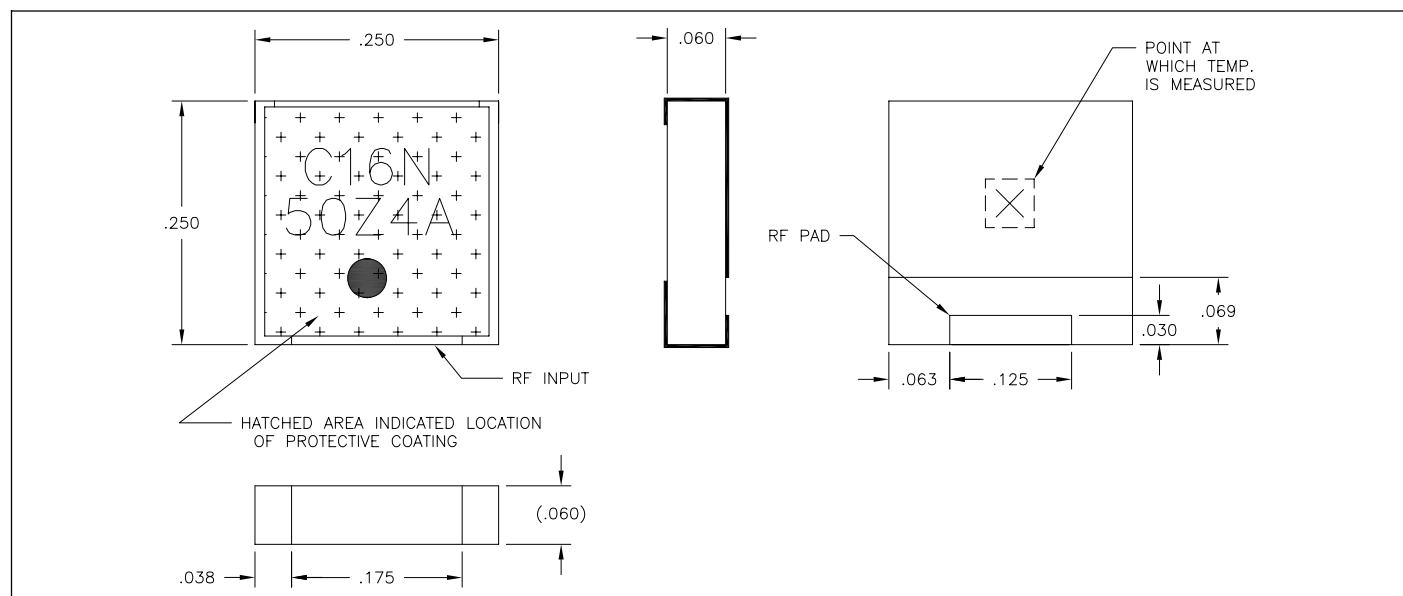
All dimensions in inches.

Specifications subject to change with out notice.

Features:

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

Outline Drawing

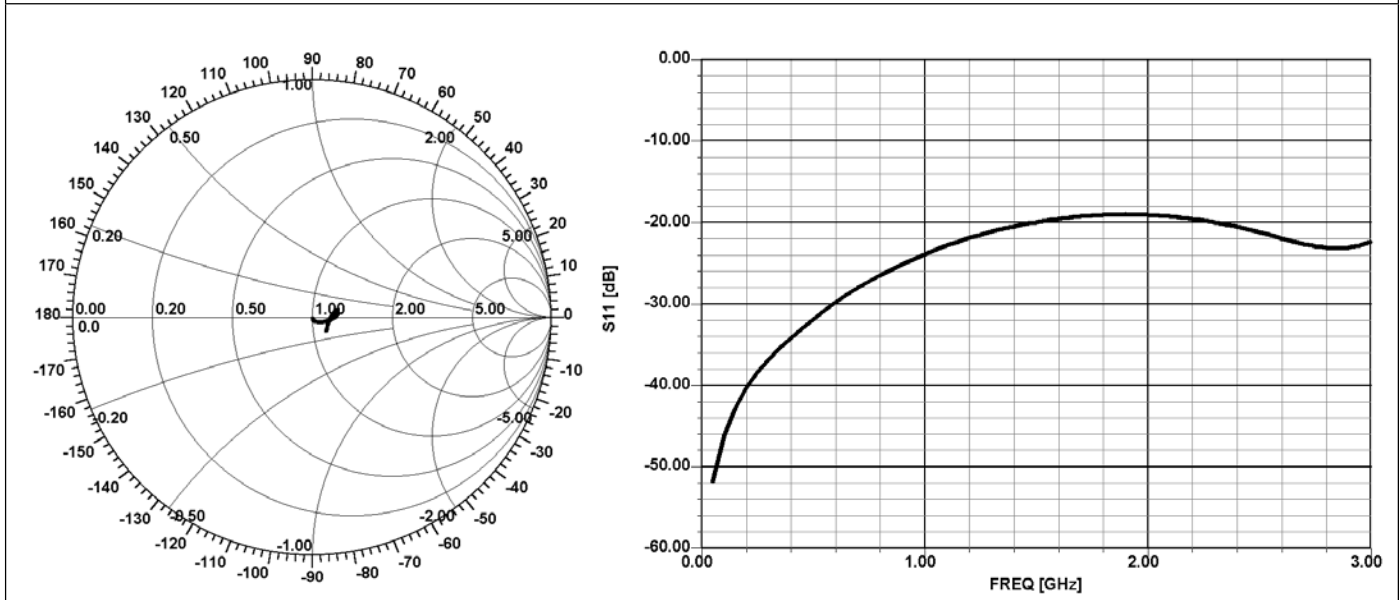


C16N50Z4A (097) Rev B

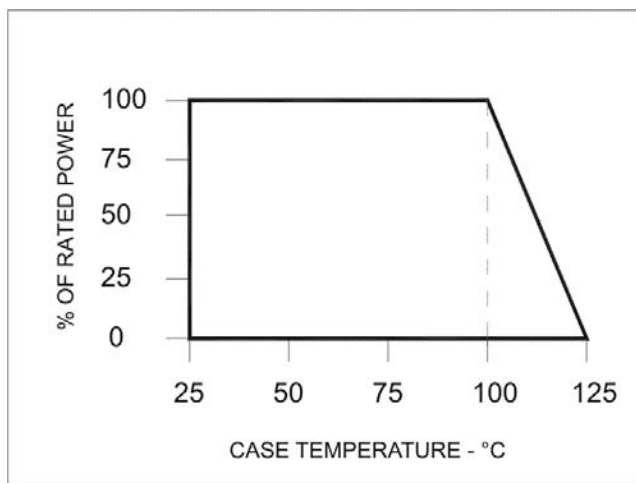


**RoHS
Compliant**

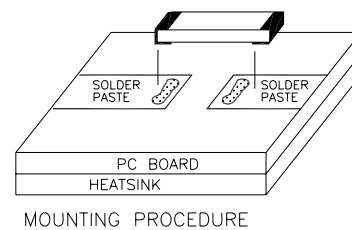
Typical Performance:



Power De-rating:



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.

C16N50Z4A (097) Rev B

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