

General Specifications

Resistive Element	Thick film
Terminations	Thick film silver
Substrate	Alumina

Electrical Specifications

Resistance value:	50 ohms
Frequency Range;	DC – 3.0 GHz
Power:	12 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).

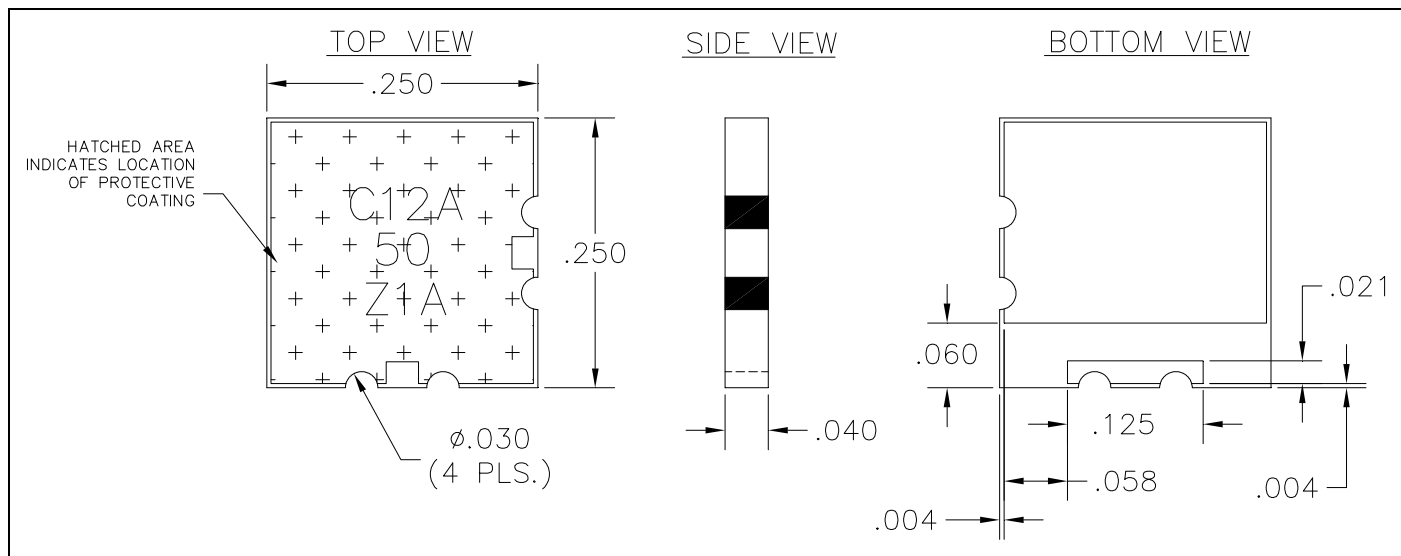
All dimensions in inches.

Specifications subject to change with out notice.

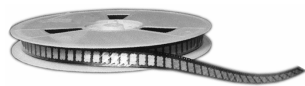
Features:

- DC – 2.8 GHz
- 12 Watts
- Alumina Ceramic
- Non-Nichrome Resistive Element
- 100% Tested
- RoHS Compliant

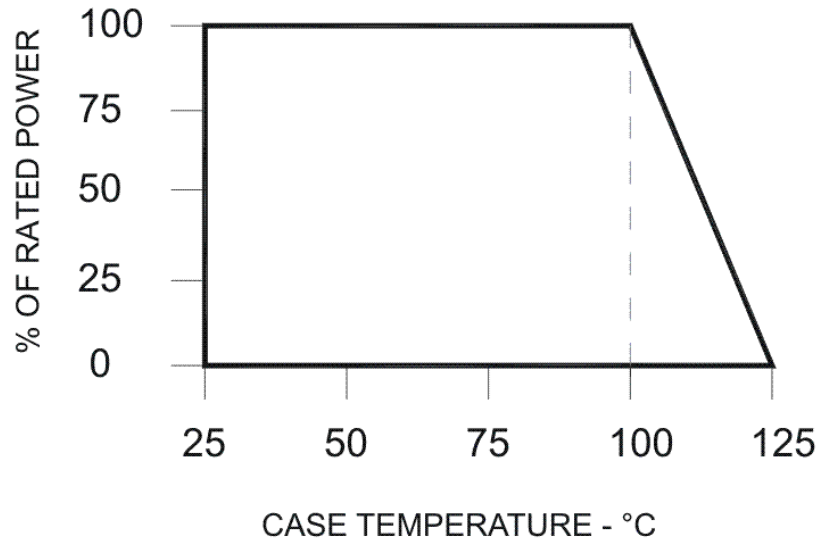
Outline Drawing



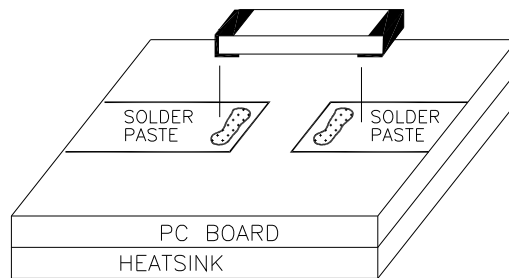
C12B50Z1A (097) Rev B



Power De-rating:



Mounting Procedure:



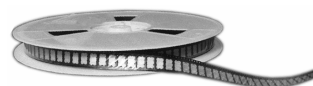
MOUNTING PROCEDURE

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.

C12B50Z1A (097) Rev B

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