

Features

- DC – 6.0 GHz
- 8 Watts
- Alumina Ceramic
- Surface Mountable
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

General Specifications

Resistive Element:	Thick film
Substrate:	Alumina ceramic
Terminals:	Thick film silver

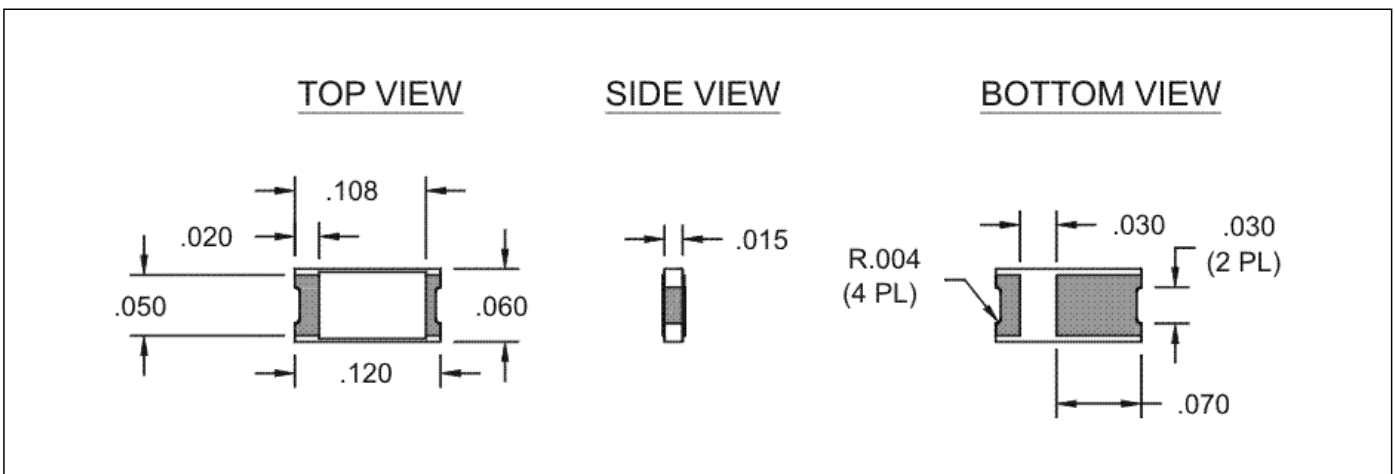
Electrical Specifications

Resistance Value:	50 ohms, ±2%
Frequency Range:	DC - 6.0 GHz
Power:	8 Watts
V.S.W.R.:	1.25:1

Notes: Tolerance is ±.010, unless otherwise specified. Operating temperature is -55°C to +125°C (see chart). Designed to meet or exceed applicable portions of MIL-E-5400. All dimensions are in inches.

Specifications subject to change without notice.

Outline Drawing



VER. 1/25/02



Available on Tape and Reel for Pick and Place Manufacturing.

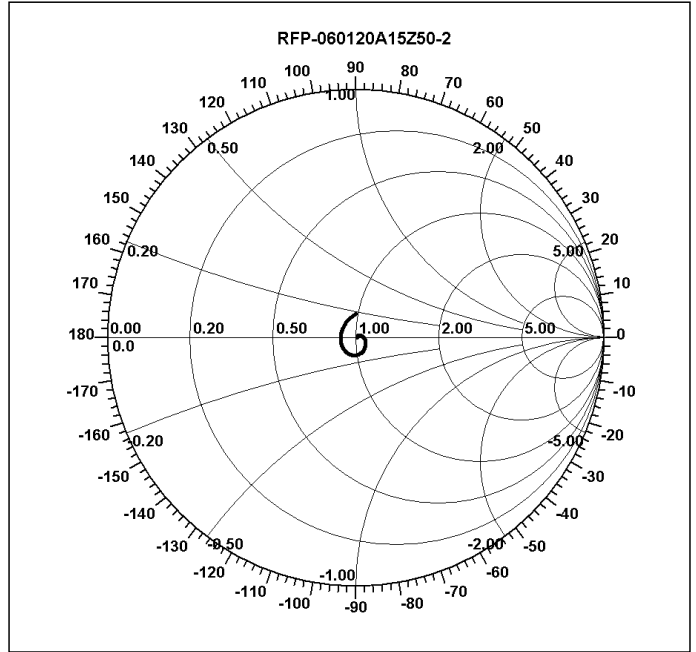
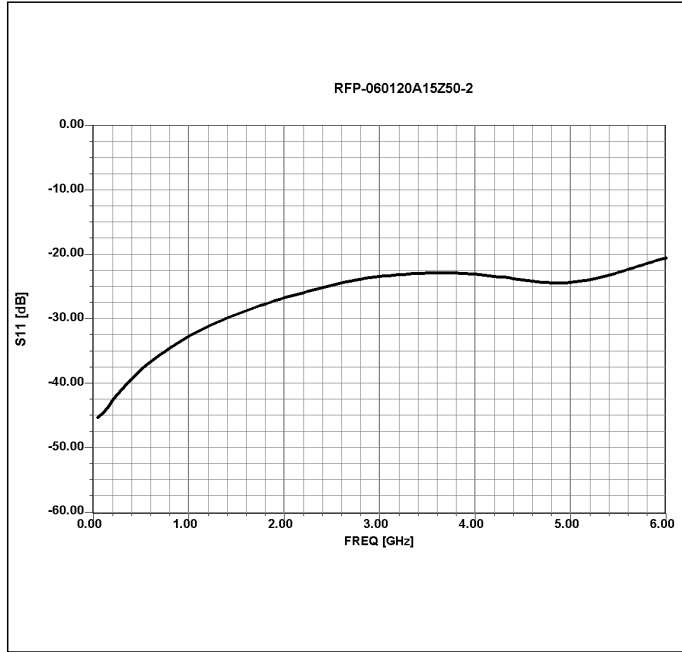
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Model RFP-060120A15Z50

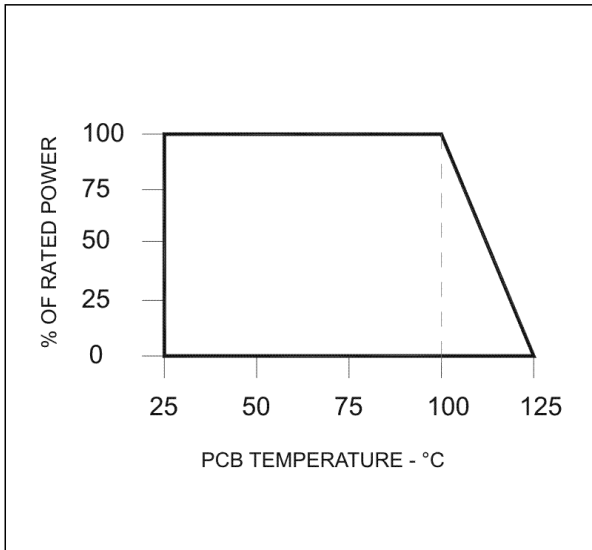


RF Power

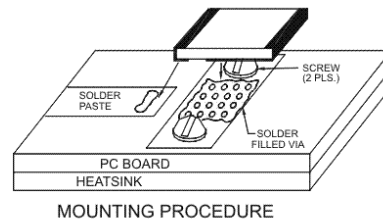
Typical Performance



Power Derating



Suggested Mounting Procedures



1. Solder part in place using SN63 type solder with controlled temperature iron (700°F).
2. Drill thermal vias through PCB and fill with solder, such as SN63 type.
3. To ensure good thermal connectivity to heat sink, drill and tap heatsink and mount PCB board to heat sink using screws.

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