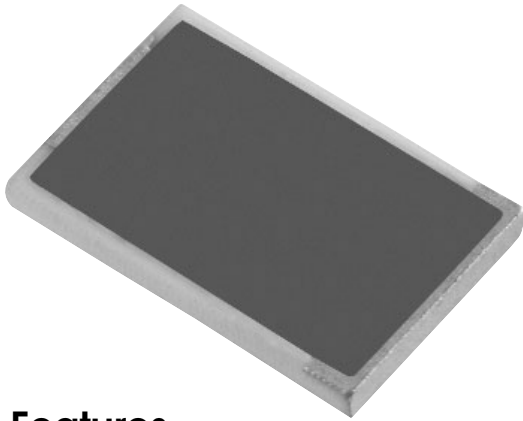


Surface Mount Terminations

25 Watts, 50 Ω



Features

- DC - 2.0 GHz
- 25 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

General Specifications

| | |
|---------------------------|-------------------------|
| Resistive Element: | Thick film |
| Substrate: | Beryllium oxide ceramic |
| Terminals: | Thick film silver |

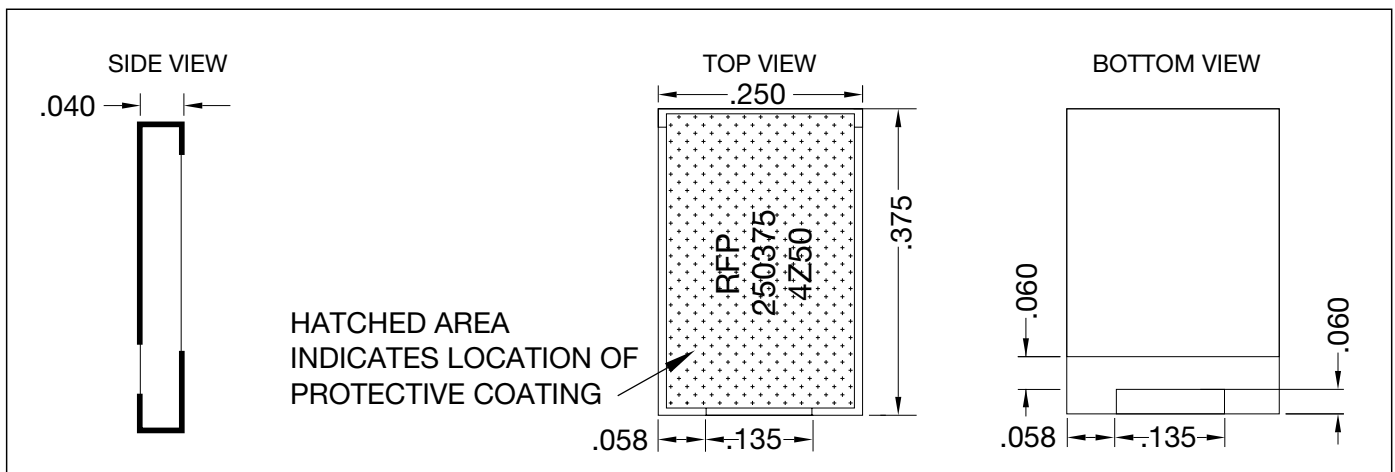
Electrical Specifications

| | |
|--------------------------|--------------------|
| Resistance Value: | 50 ohms, $\pm 2\%$ |
| Frequency Range: | DC - 2.0 GHz |
| Power: | 25 Watts |
| V.S.W.R.: | 1.25:1 |

Notes: Tolerance is ± 0.10 , unless otherwise specified. Operating temperature is -55°C to $+125^{\circ}\text{C}$ (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. 12/5/01



Available on Tape and Reel for Pick and Place Manufacturing.

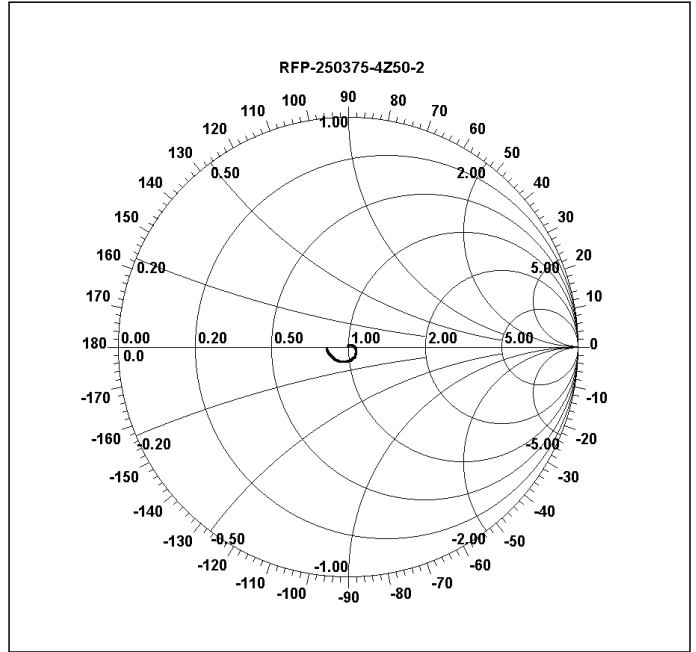
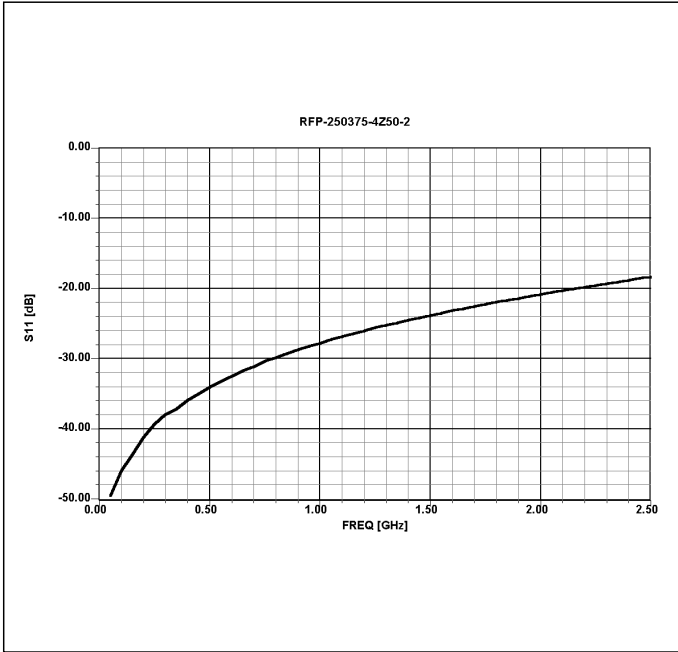
Sales Desk USA: Voice: (800) 544-2414 Fax: (315) 432-9121
Sales Desk Europe: Voice: (+44) 23 92 232392 Fax: (+44) 23 92 251369

Model RFP-250375-4Z50-2

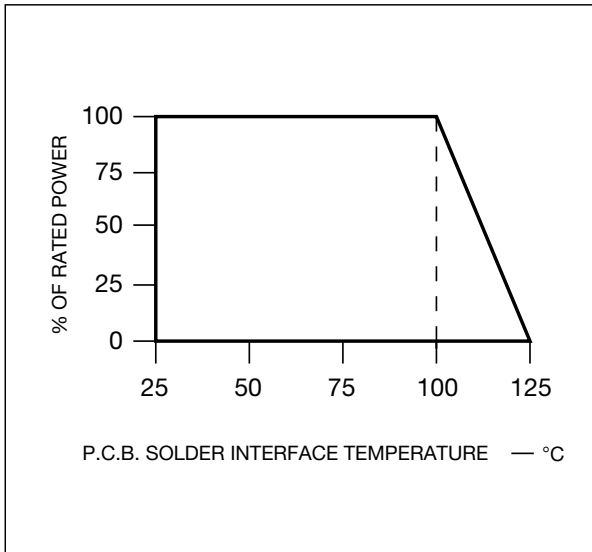


RF Power

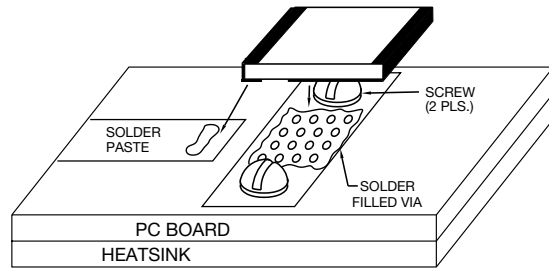
Typical Performance



Power Derating



Suggested Mounting Procedures



1. Solder part in place using 60/40 type solder with controlled temperature iron (700°F).
2. Drill thermal vias through PCB and fill with solder, such as 60/40 type.
3. To ensure good thermal connectivity to heat sink, drill and tap heatsink and mount PCB board to heat sink using screws.

Available on Tape and Reel for Pick and Place Manufacturing.

