

RF Power

Model RFP-250250-4Z50-2

Surface Mount Terminations

16 Watts, 50 Ω



Features

- DC 3.0 GHz
- 16 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

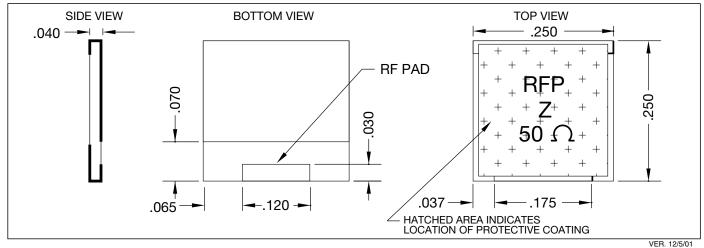
Electrical Specifications

Resistance Value: 50 ohms, ±2% DC - 3.0 GHz Frequency Range: Power: 16 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

Specifications subject to change without notice.

Outline Drawing





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

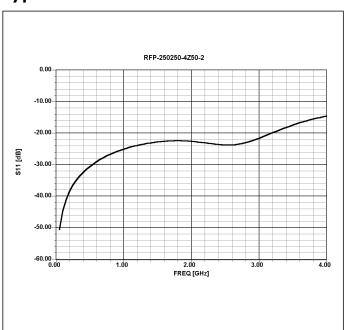


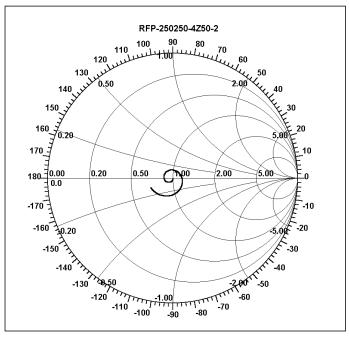
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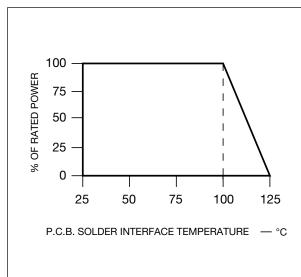


Typical Performance

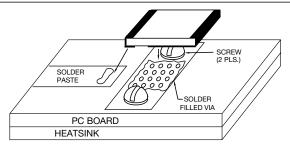




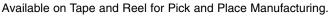
Power Derating



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.







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