

Model RFP-250375-4Y100-2

Surface Mount Resistors 10 Watts, 100 \(\Omega \)

RF Power

Features

- DC 2.0 GHz
- 10 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low Capacitance
- 100% Tested

General Specifications

Resistive Element: Thick film

Substrate: Beryllium oxide ceramic

Terminals: Thick film silver

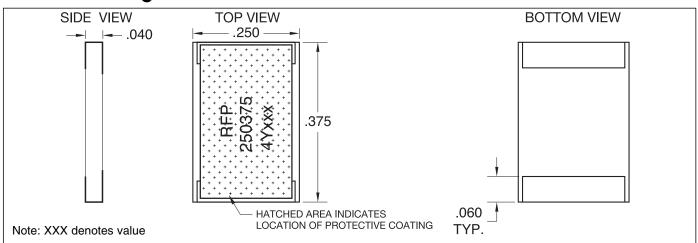
Electrical Specifications

Resistance Value:100 ohms, $\pm 2\%$ Frequency Range:DC - 2.0 GHzPower:10 WattsCapacitance:1.4 pF

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. 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

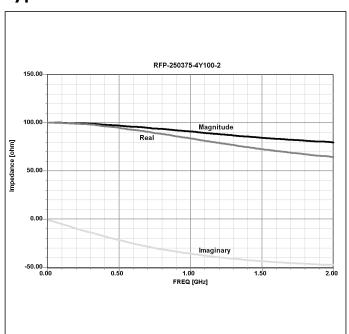


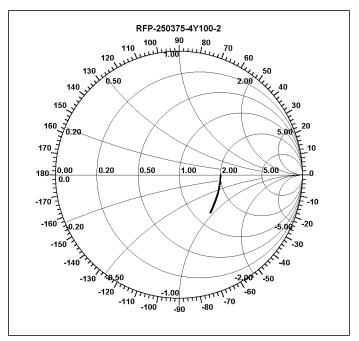
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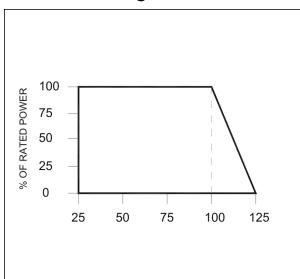


Typical Performance

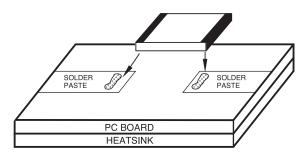




Power Derating



Suggested Mounting Procedures



- 1. Make sure that the devices are mounted on flat surfaces (.001" under the device) to optimize the heat transfer.
- 2. Position device on mounting surface and solder in place using a 60/40 type or an SN63 type solder.

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