Model RFP-050100-2X50-2

Chip Termination
5 Watts, 50Ω

General Specifications

Resistive Element	Thick film
Substrate	BeO Ceramic
Terminal Finish	Matte Tin over Nickel
Operating Temperature	-55 to +125°C (see chart)

Tolerance is ±0.010", unless otherwise specified. Designed to meet of exceed applicable portions of MIL-E-5400. All dimensions in inches.

Electrical Specifications

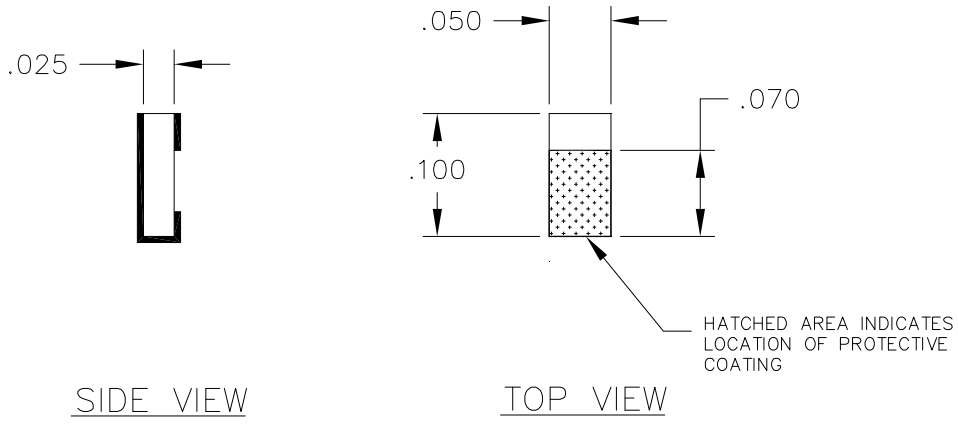
Resistance Value:	50 ohms, ± 2%
Power:	5 Watts
Frequency Range:	DC – 4.0 GHz
V.S.W.R.:	1.25:1

Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance.
Tolarence is ±0.010inches.
Specifications subject to change without notice

Features:

- **5 Watts**
- **Lowest Cost**
- **BeO Ceramic**
- **Non-Nichrome Resistive Element**
- **Low VSWR**
- **100% Tested**

Outline Drawing



All dimensions are in inches.

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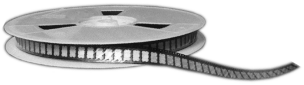
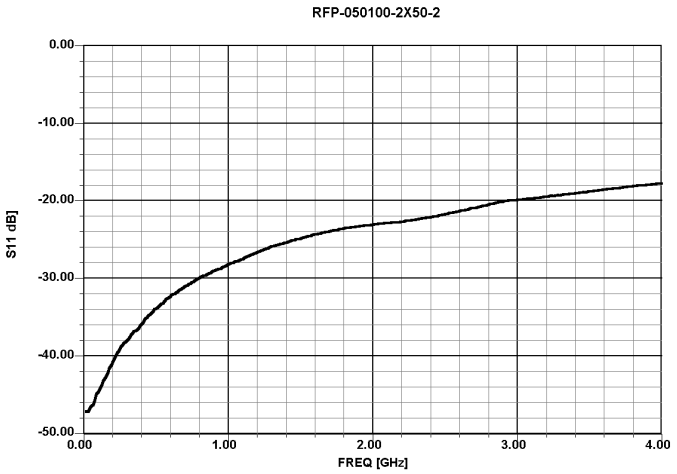
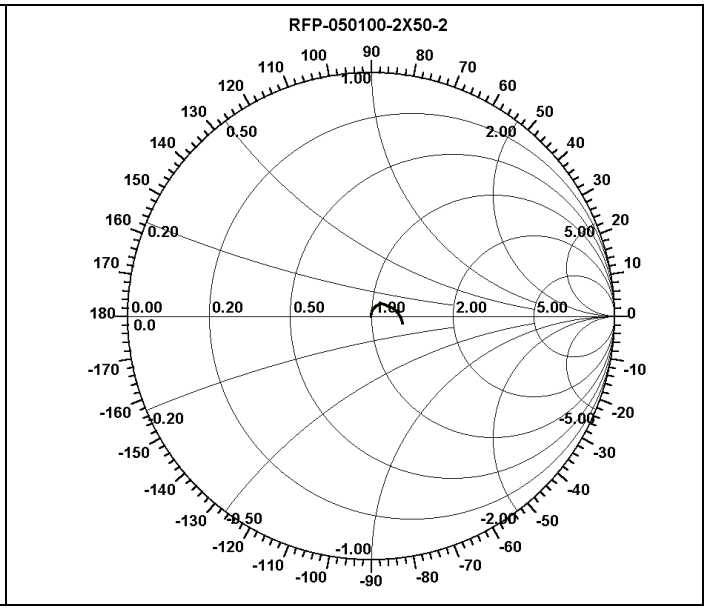


Available on Tape and Reel For Pick and Place Manufacturing.

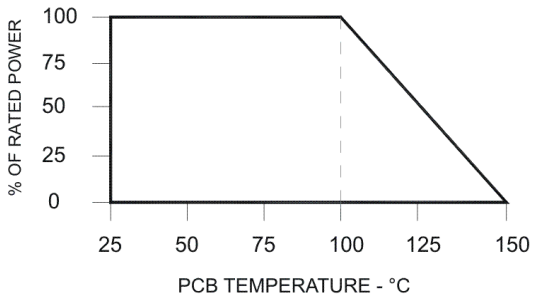
USA/Canada: (315) 432-8909
Toll Free: (800) 544-2414
Europe: +44 2392-232392

Typical Performance:

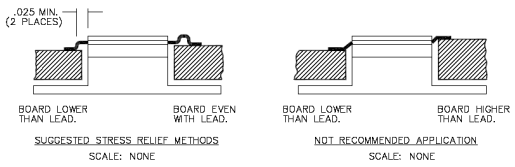




Power De-rating:



Mounting Footprint and Procedure:



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 SN96 SOLDER.
3. SOLDER LEADS IN PLACE USING AN SN96 TYPE SOLDER WITH A CONTROLLED TEMPERATURE IRON (260°C).

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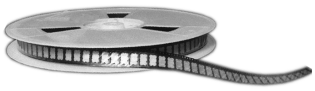

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