



Model RFP-30-50T

RF Power

Flangeless Terminations

30 Watts, 50 Ω

General Specifications

Resistive Element: Substrate: Cover: Lead(s):

Thick film Beryllium oxide ceramic Alumina ceramic 99.99% pure silver (.005" thk)

Electrical Specifications

Resistance Value:	50
Frequency Range:	D
Input Power:	30
V.S.W.R.:	1.:

) ohms, ±5% C - 3.0 GHz 0 Watts 25:1

Notes: Tolerance is ±.010, unless otherwise specified. Operating temperature is -55°C to +150°C (see chart). Designed to meet or exceed applicable portions of MIL-E-5400. All dimensions are in inches. Lead length 0.15" minimum.

Specifications subject to change without notice.

.075 .200 50 050 350 .042

VER. 12/5/01

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



Features

- DC 3.0 GHz
- 30 Watts
- **BeO** Ceramic
- Welded Silver Leads
- Non-Nichrome Resistive • Element
- Low VSWR
- 100% Tested

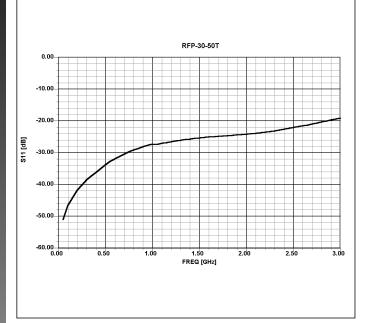
Outline Drawing

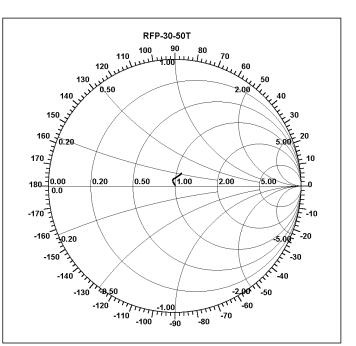
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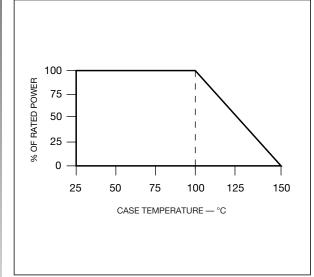


Typical Performance

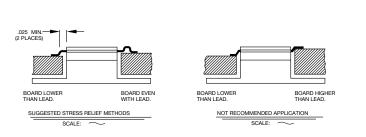




Power Derating



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 an indalloy type or an SN63 type solder.
- 3. Solder leads in place using an SN63 type solder with a controlled temperature iron (210°C).



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