



Flangeless Termination 150 Watts, 50Ω



General Specifications

Resistive Element	Thick film
Substrate	Beryllium oxide ceramic
Cover	Alumina Ceramic
Lead(s):	99.9% pure silver (.006 thick)
Terminals	Thick film silver

Electrical Specifications

Resistance Range:	50 ohms, $\pm 5\%$
Frequency Range;	DC – 3.0 GHz
Power:	150 Watts
VSWR	1.10:1 DC – 1.0 GHz
	1.30:1 DC – 2.0 GHz
	1.40:1 DC – 3.0 GHz

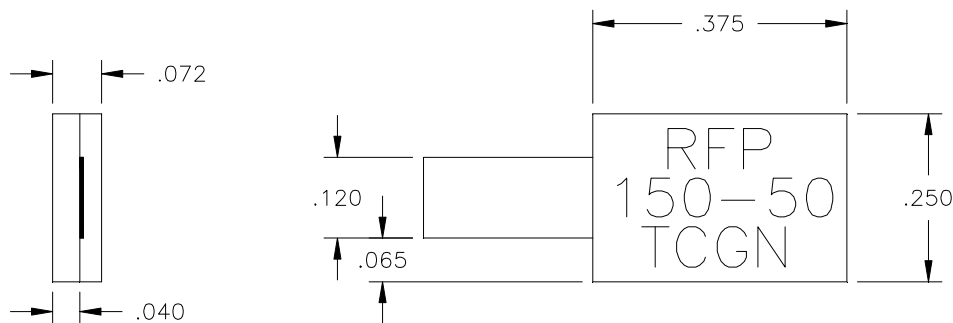
Note: Tolerance is $\pm 0.010"$, unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 150°C (see chart for derating temperatures). All dimensions in inches.

Specifications subject to change without notice.

Features:

- DC – 3.0 GHz
- 150 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

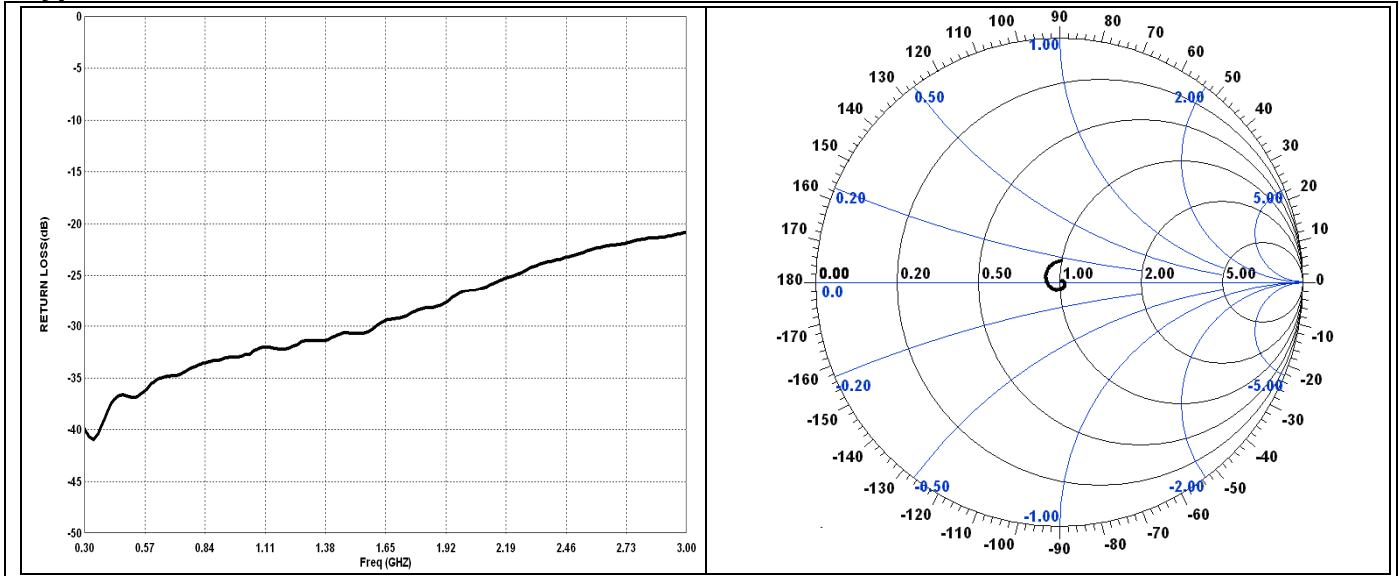
Outline Drawing



150-50TCGN (097) Rev A

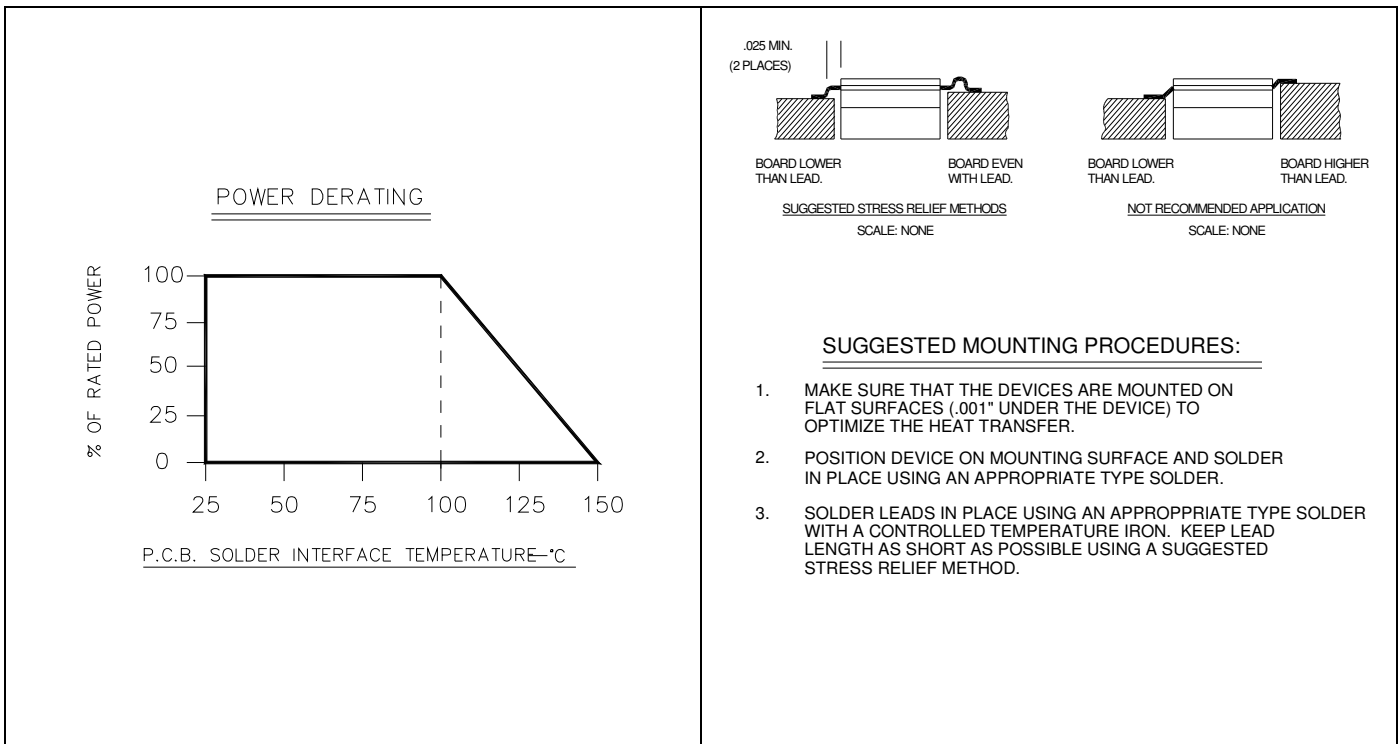


Typical Performance:



Power De-rating:

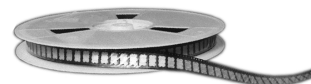
Mounting Footprint and Procedure:



150-50TCGN (097) Rev A

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