

## Chip Termination 5 Watts, 50Ω



### General Specifications

Resistive Element	Thick film
Substrate	Beryllium oxide ceramic
Terminals	Matte Tin over Nickel

### Electrical Specifications

Resistance Range:	50 ohms, $\pm 2\%$
Frequency Range;	DC – 4.0 GHz
Power:	5 Watts
VSWR	1.25:1 DC – 4.0 GHz

**Note:** Tolerance is  $\pm 0.010"$ , unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is  $-55^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  (see chart for derating temperatures).

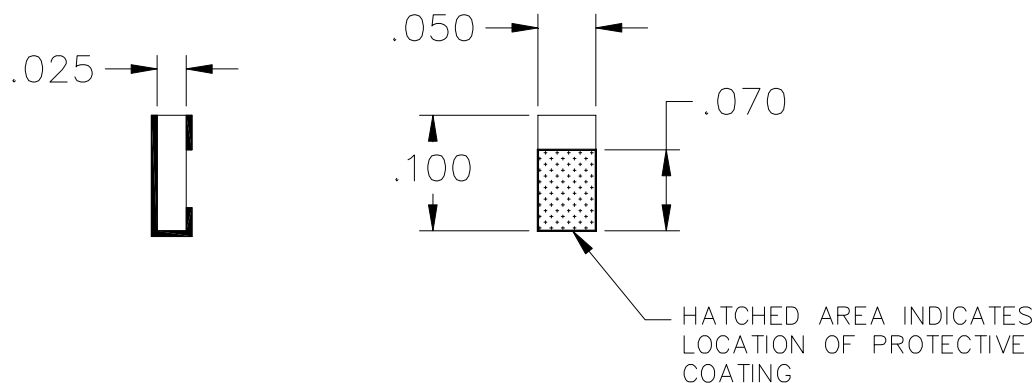
All dimensions in inches.

Specifications subject to change without notice.

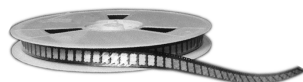
### Features:

- DC – 4.0 GHz
- 5 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

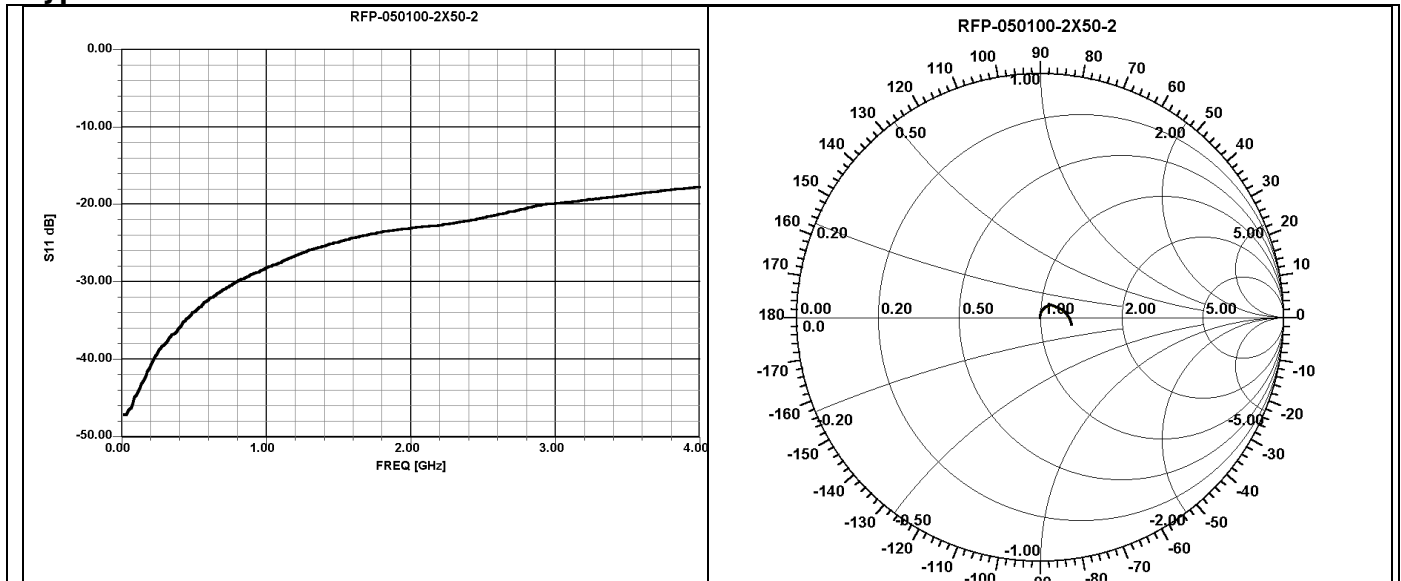
### Outline Drawing



050100-2X50-2 (097) Rev C

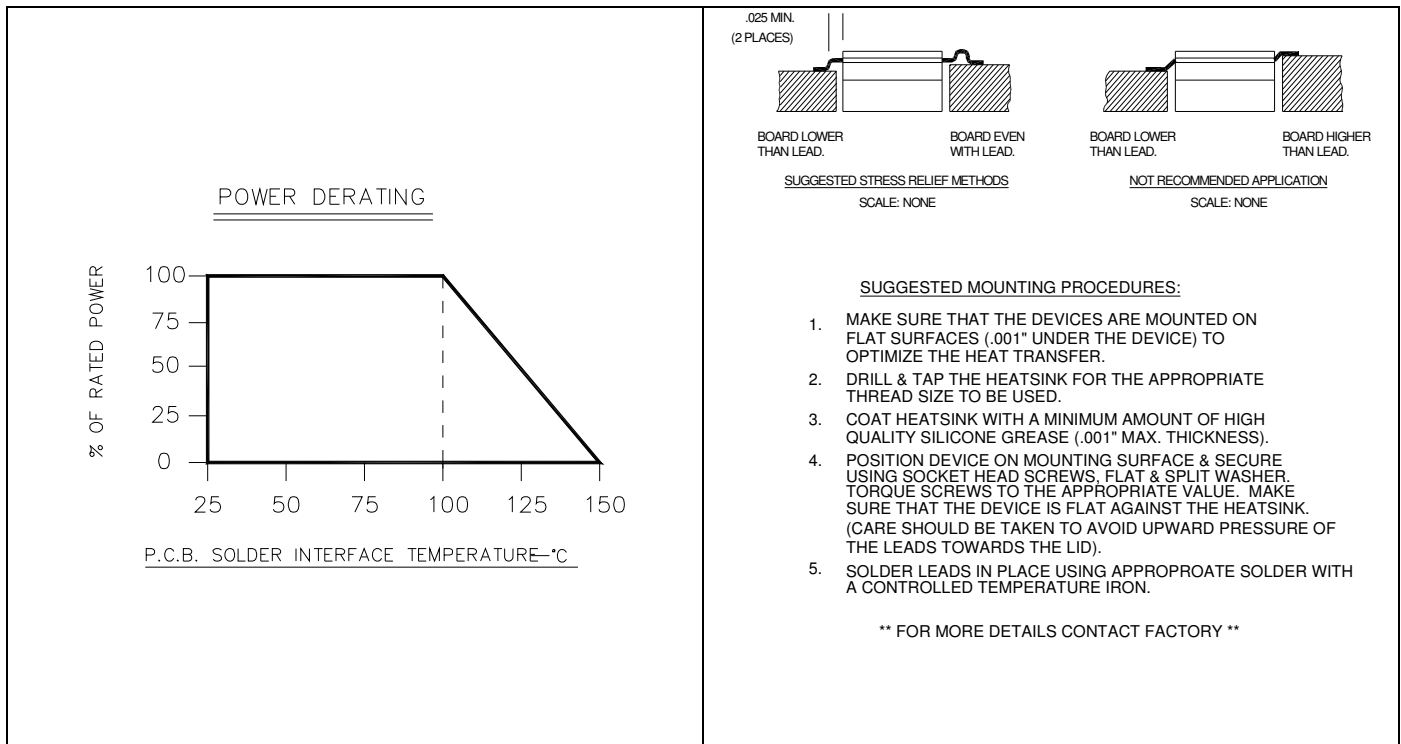


### Typical Performance:



### Power De-rating:

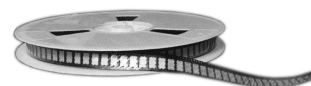
### Mounting Footprint and Procedure:



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