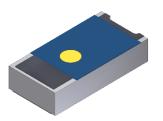


## Chip Termination 10 Watts, 50Ω



#### Features:

- RoHS Compliant
- 10 Watts
- DC 6.0 GHz
- Al<sub>2</sub>0<sub>3</sub> Ceramic
- Non Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

## **Description:**

The 060120A25X50-2 is high performance Alumina (Al<sub>2</sub>0<sub>3</sub>) Chip termination intended as a low cost alternative to Aluminum Oxide (AIN). The termination is well suited to all cellular frequency bands such as; AMPS, GSM, DCS, PCS, PHS and UMTS. The termination is also RoHS compliant!

### **General Specifications:**

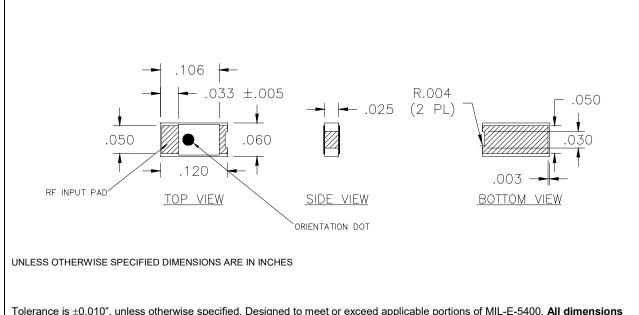
Resistive Element	Thick film
Substrate	Al <sub>2</sub> O <sub>3</sub> Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +125°C (see de rating chart)

#### **Electrical Specifications:**

Resistance Value:	50 Ohms, ± 2%	
Power:	10 Watts	
Frequency Range:	DC – 6.0 GHz	
Return Loss	>19 dB to 6.0 GHz	
Specification based on unit properly installed using suggested mounting instructions		

Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change.** 





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

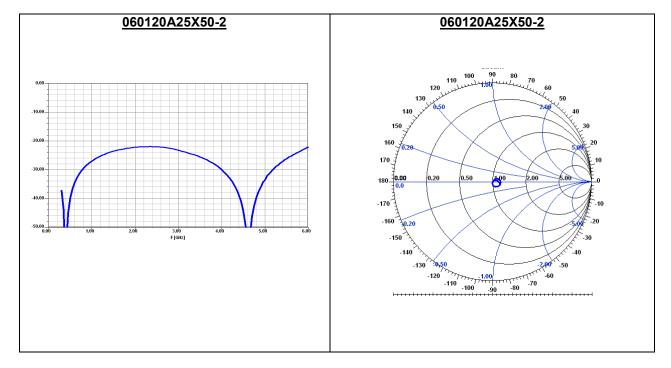


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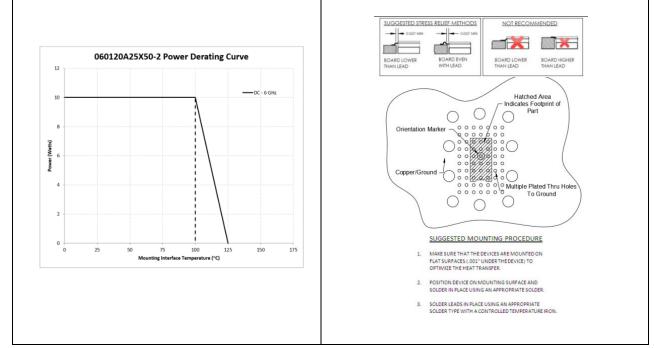


## **Typical Performance:**



# Power de-rating:

# **Mounting Footprint:**



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