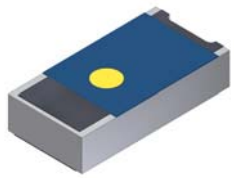
Model 060120A25X50-2

Chip Termination

10 Watts, 50Ω



Description

The 060120A25X50-2 is high performance Alumina (Al_20_3) Chip termination intended as a low cost alternative to Aluminum Oxide (AlN). 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!

Features:

- **RoHS Compliant**
- **10 Watts**
- **DC – 6.0 GHz**
- **Al_20_3 Ceramic**
- **Non - Nichrome Resistive Element**
- **Low VSWR**
- **100% Tested**
- **Small Size**

General Specifications

Resistive Element	Thick film
Substrate	Al_2O_3 Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +125°C (see de rating chart)

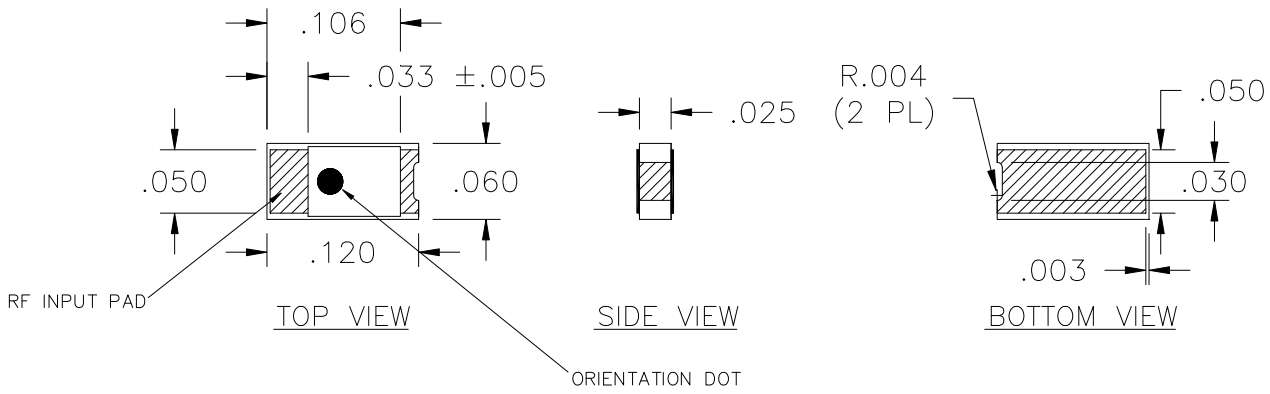
Tolerance is ±0.010", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. **All dimensions in inches.**

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 and a 50 ohm nominal impedance. **Specifications subject to change.**

Outline Drawing



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

Anaren
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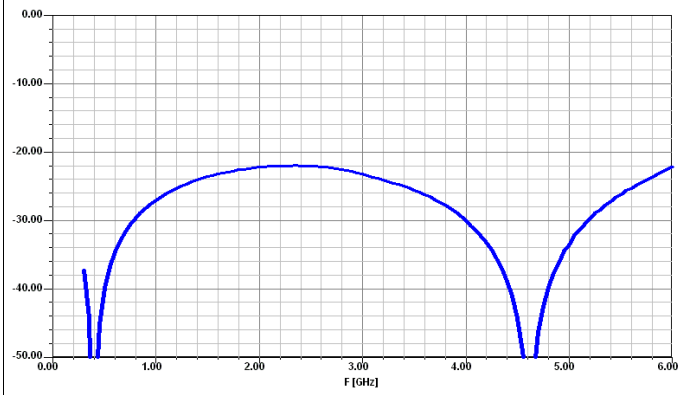
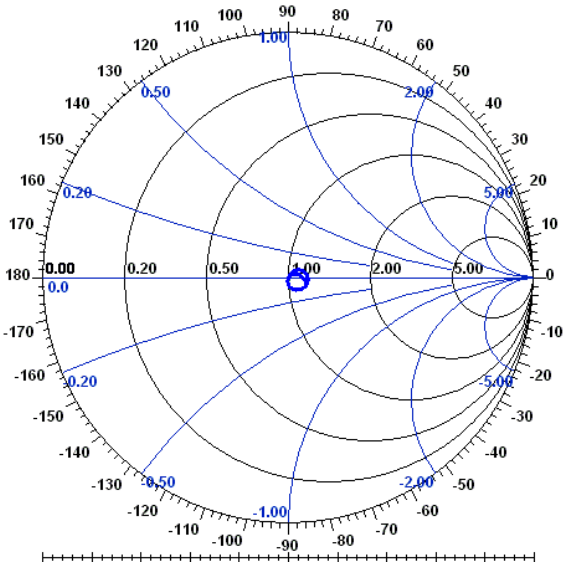
Typical Performance:

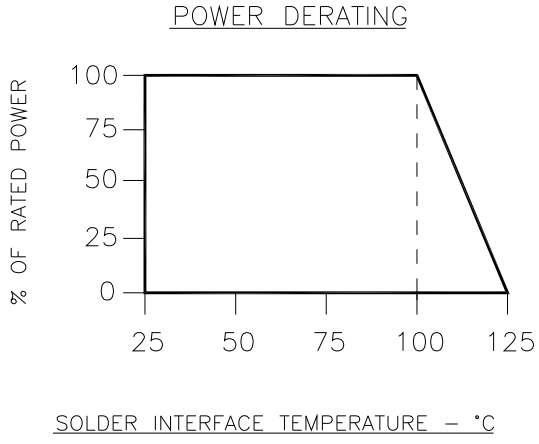
060120A25X50-2



060120A25X50-2

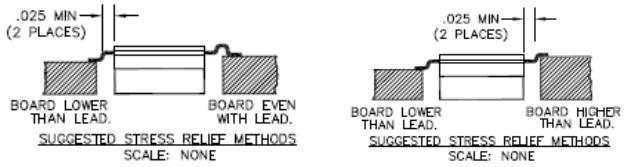


Power De-rating:



***Actual performance could be limited by the solder properties of the application**

Mounting Footprint and Procedure:



SUGGESTED MOUNTING PROCEDURES:

1. MAKE SURE THAT THE DEVICES ARE MOUNTED ON FLAT SURFACES TO OPTIMIZE THE HEAT TRANSFER.

2. RECOMMENDED FLATNESS UNDER THE DEVICE IS 0.002".

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