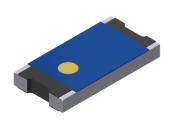


Surface Mount Termination 8 Watts, 50Ω



Features:

- RoHS Compliant
- 8 Watts
- DC 6.0 GHz
- Al₂0₃ Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

Description

The C8A50Z4B is high performance Alumina (Al_2O_3) Surface Mount termination intended as a low cost alternative to Aluminum Nitride (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 Al₂O₃ 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

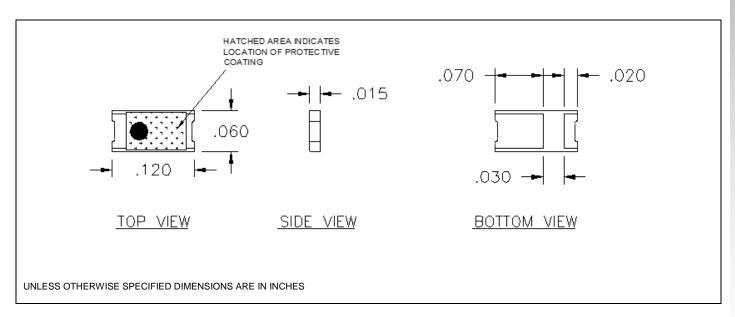
Resistance Value: 50 Ohms, \pm 2%

Power: 8 Watts Frequency Range: DC – 6.0 GHz

Return Loss >19 dB

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

Outline Drawing



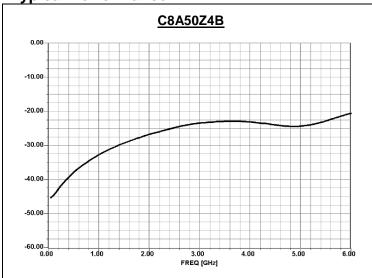


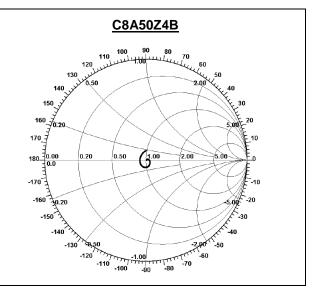
1 of 2

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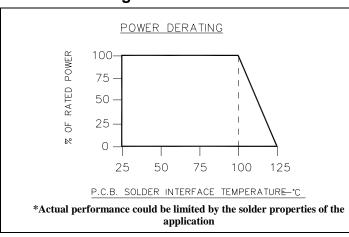


Typical Performance:

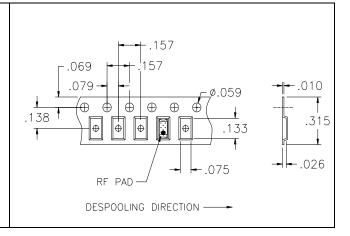




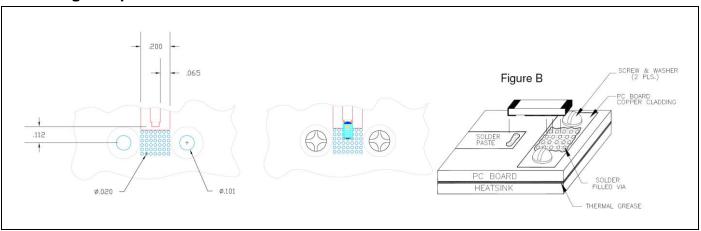
Power De-rating:



Tape and Reel:



Mounting Footprint and Procedure:



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