

Surface Mount Termination 8 Watts, 50Ω

Description

The C8A50Z4A 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

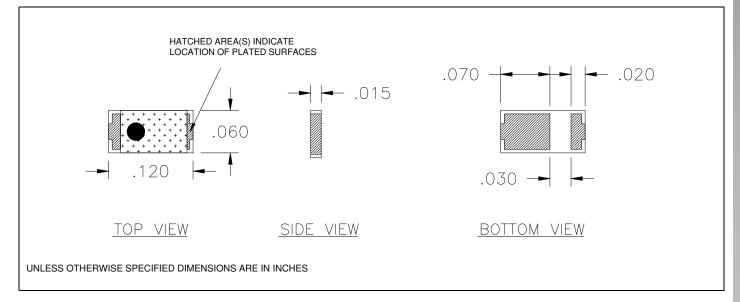
Resistive Element	Thick film
Substrate	Al ₂ O ₃ Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +125°C (see de rating chart)

Tolerance is $\pm 0.010"$, 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:	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.**





Features:

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

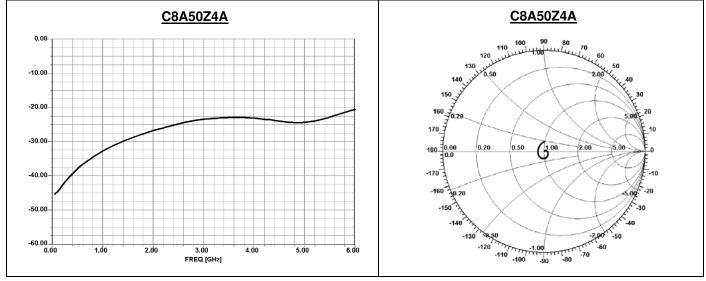
Outline Drawing



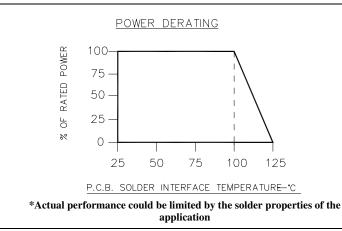
Model C8A50Z4A



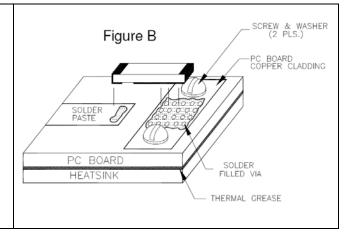
Typical Performance:



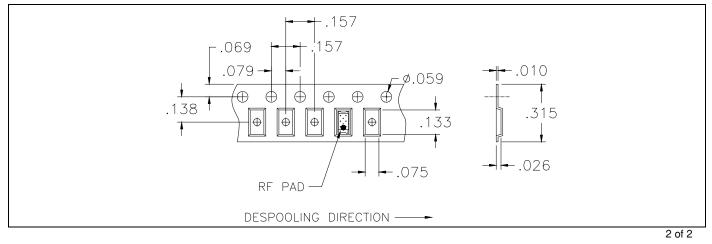
Power De-rating:



Mounting Footprint and Procedure:



Tape and Reel:



Anaren What'll we think of next?"