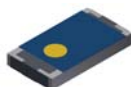


Surface Mount Termination 8 Watts, 50Ω



Description

The C8A50Z4A is high performance Alumina (Al₂O₃) Surface Mount termination intended as a low cost alternative to Aluminum Nitride (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!

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

Electrical Specifications

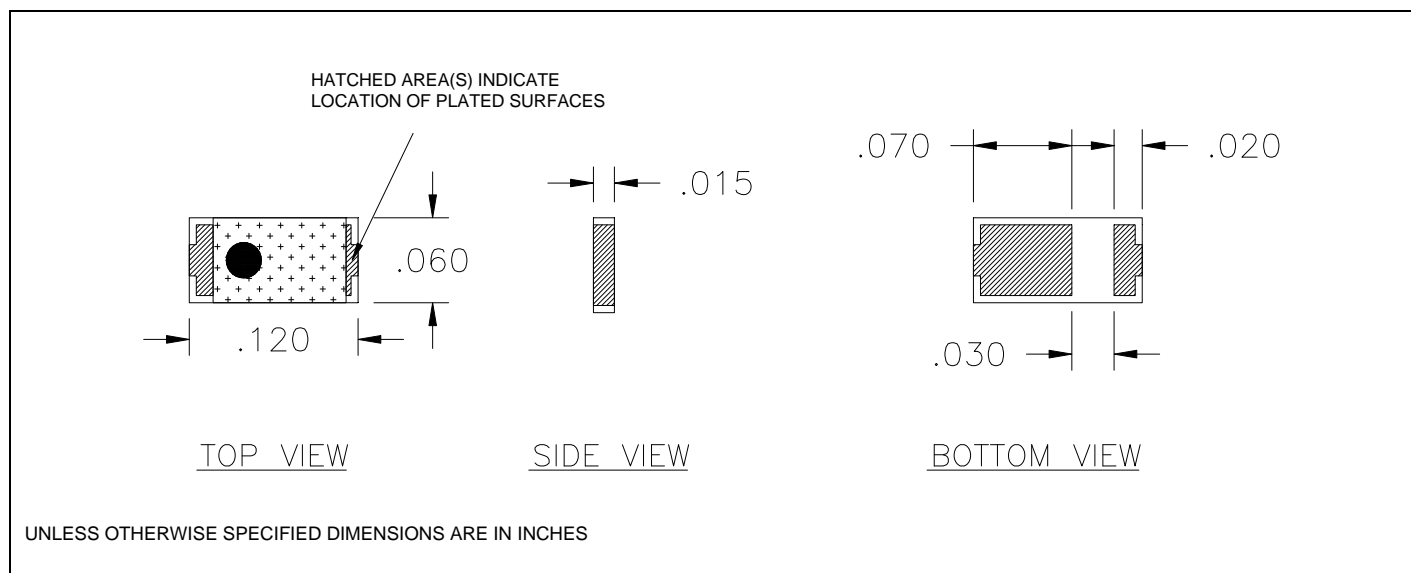
Resistance Value:	50 Ohms, ± 2%
Power:	8 Watts
Frequency Range:	DC – 6.0 GHz
Return Loss	>19 dB

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

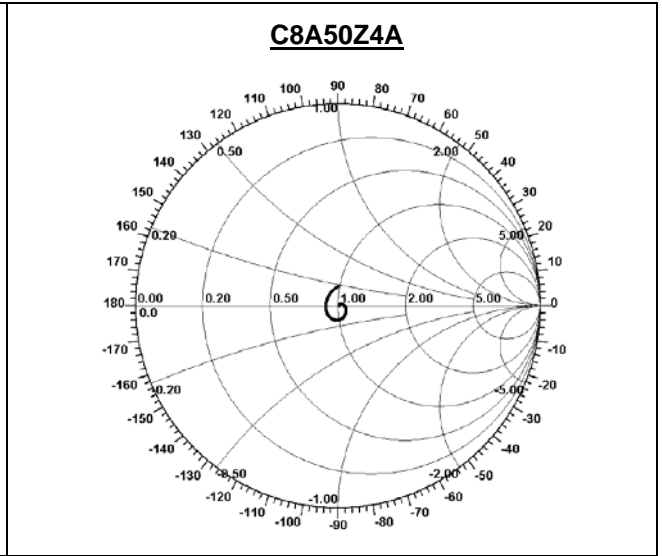
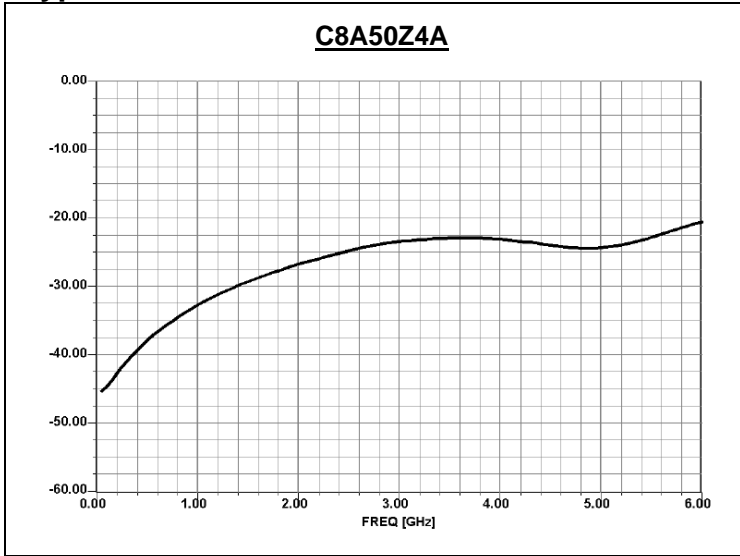
Features:

- RoHS Compliant
- 8 Watts
- DC – 6.0 GHz
- Al₂O₃ Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

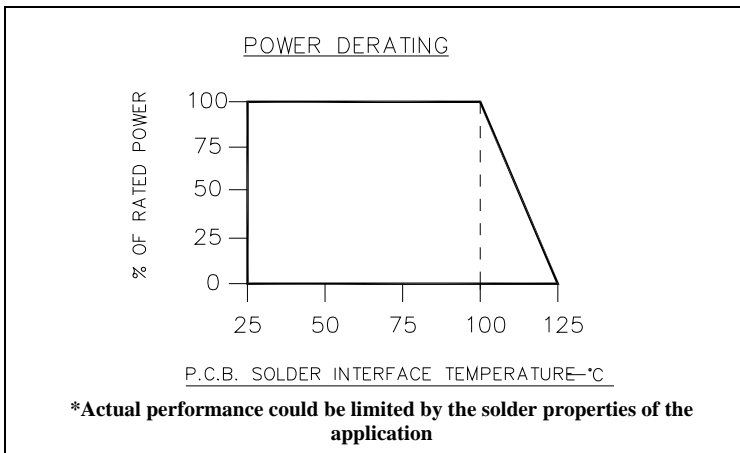
Outline Drawing



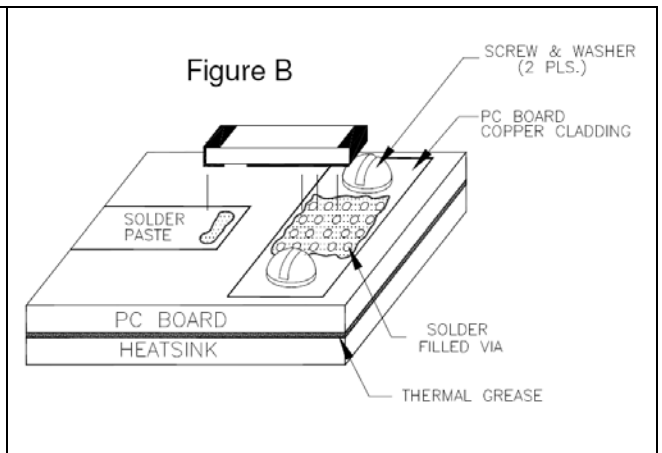
Typical Performance:



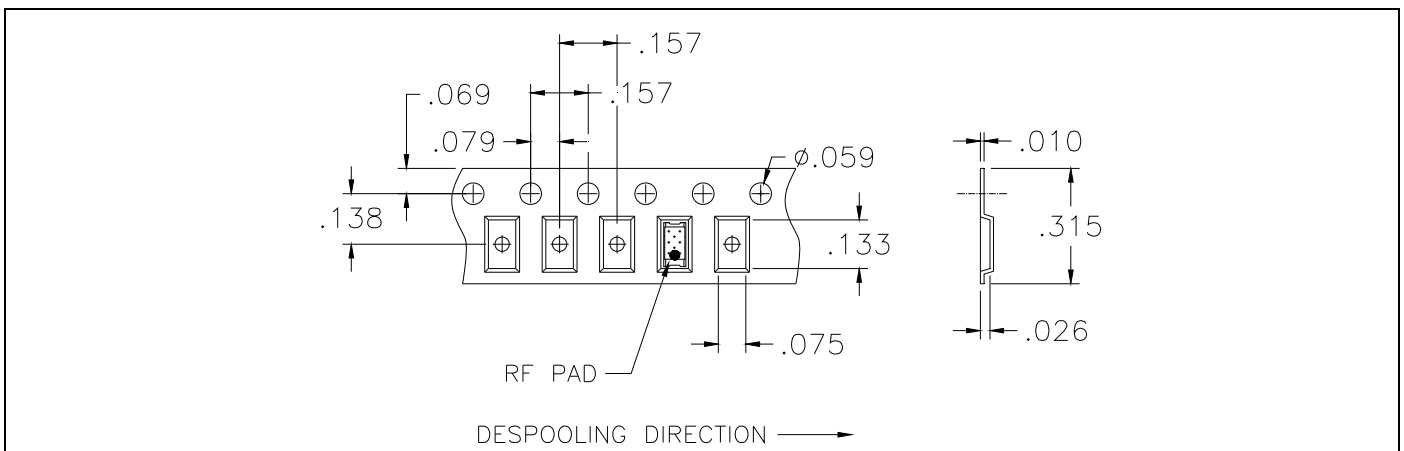
Power De-rating:



Mounting Footprint and Procedure:



Tape and Reel:



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Frequency/RF Resistors](#) category:

Click to view products by [Anaren](#) manufacturer:

Other Similar products are found below :

[800-50T-S](#) [10-100RV-S](#) [E250N50X4](#) [250-100RM-S](#) [250-50RM-S](#) [150-100RL-S](#) [A4B50X1A](#) [10-50TV](#) [G150N50W4B](#) [FC1206E8450FGW0](#)
[R1A06031000G5AR](#) [060120A25X50-2](#) [C45N50Z4](#) [A5B50X1A](#) [100200-4Z50-2](#) [C150N50Z4](#) [30-100R](#) [60-50TP-S](#) [100N50TW](#)
[E200N50X4](#) [250375-4Z50-2](#) [60-50TPR](#) [MIC1000AFLMGNHWS](#) [FT10301N0050J](#) [CS12010T0100GTR](#) [C8A50Z4B](#) [CW12010T0100GTR](#)
[FR10515N0050JBK](#) [FR10515N0100JBK](#) [FR10800N0100JBK](#) [FT10517N0050J01](#) [FT10517N0050JBK](#) [FT10800N0050J02](#)
[LT11020T0050JBK](#) [LT12010T0050JBK](#) [250375-4X50-2](#) [30-100R-S](#) [400-50T](#) [40-50TPP](#) [60-50TP](#) [C10A50Z4](#) [C16A50Z4](#) [C1A50Z4](#)
[C50A50Z4](#) [G250N50W4](#) [G450N50W4](#) [J100N50X4B](#) [K100N50X4B](#) [R2B130850R0J4J0](#) [R3A100550R0J5G0](#)