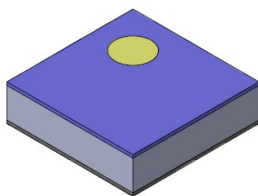


Surface Mount RF Termination 1 Watt, 50Ω



Description:

The C1A50Z4 is high performance Alumina (Al_2O_3) surface mount termination intended as a low cost alternative to Aluminum Nitride (AlN). The termination is well suited for 3G, 4G & 5G Systems and is also RoHS compliant.

Features:

- RoHS Compliant
- 1 Watt
- Al_2O_3 Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

General Specifications:

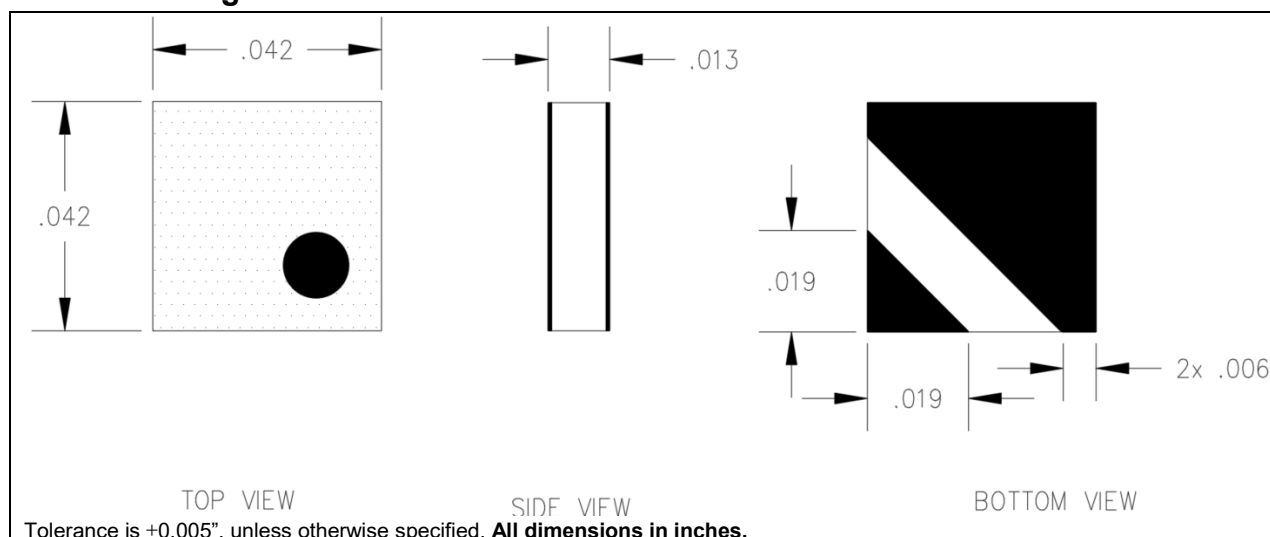
Resistive Element	Thick film
Substrate	Al_2O_3 Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +150°C (see de-rating chart)

Electrical Specifications:

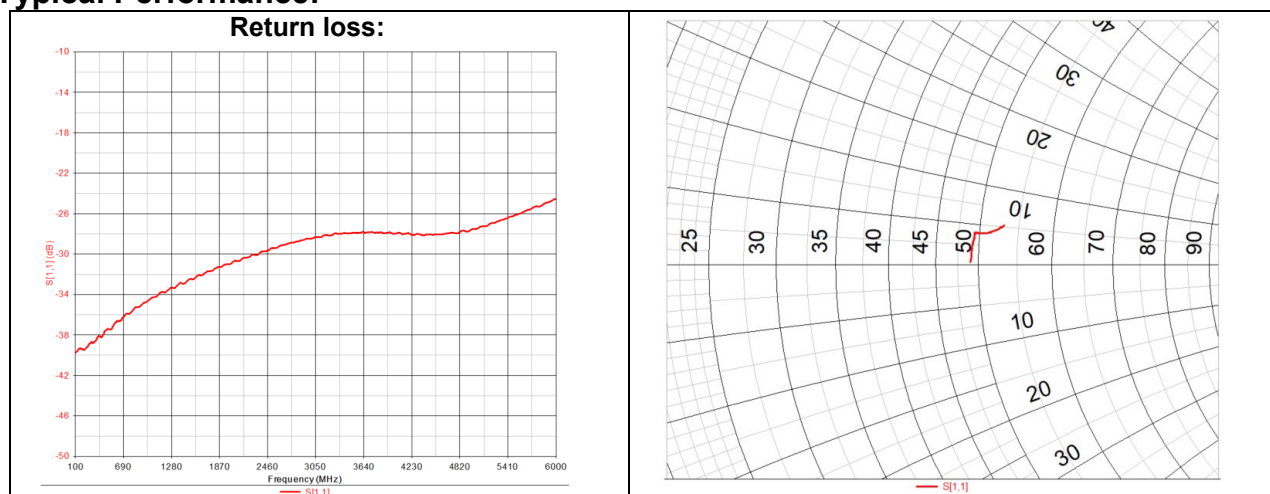
Impedance:	50 Ohms
Power:	1 Watt
Max Frequency:	DC-6.0 GHz
Return Loss:	>20 dB

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

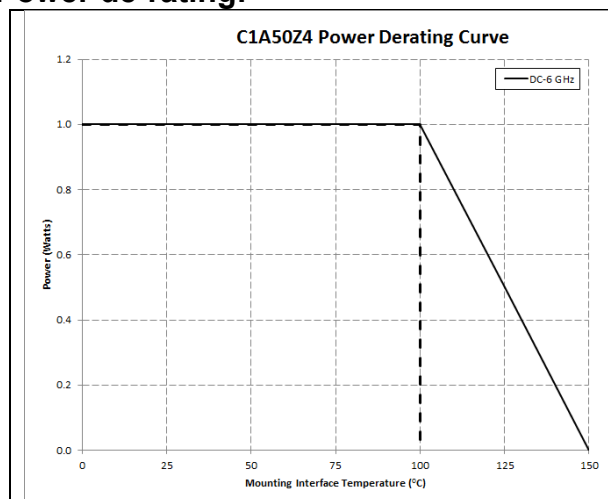
Outline Drawing:



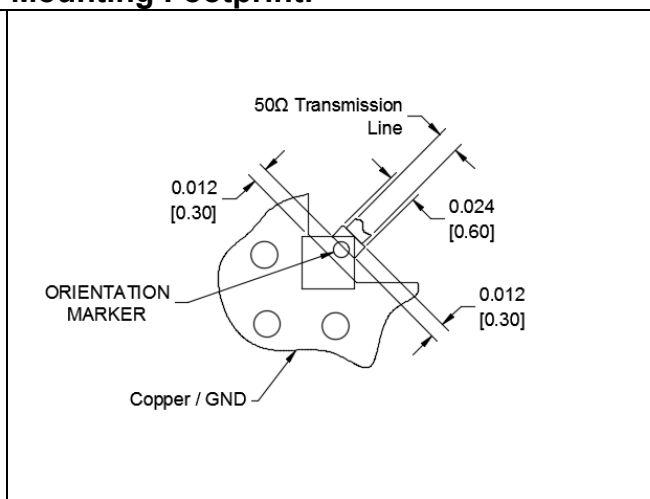
Typical Performance:



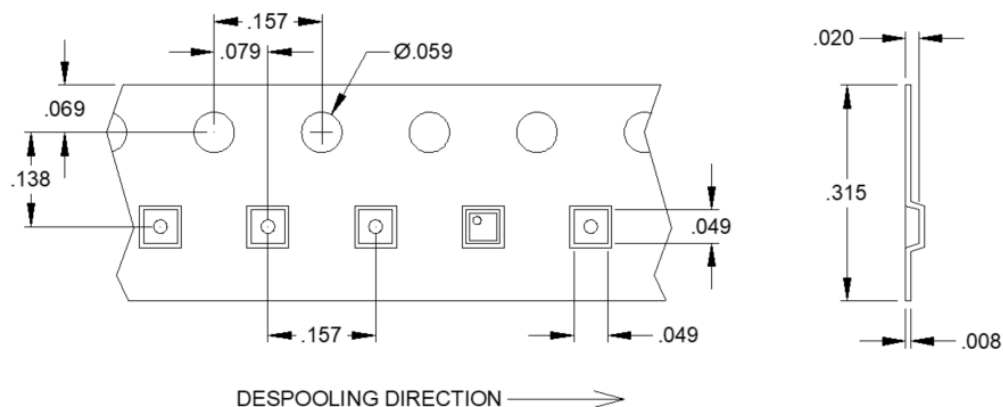
Power de-rating:



Mounting Footprint:



Tape & Reel:



Contact us:
rf&s_support@ttm.com

Mouser Electronics

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[C1A50Z4](#)