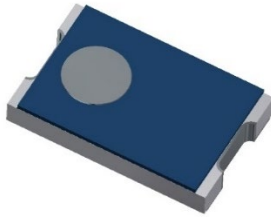


**Surface Mount RF Termination**  
**3 Watts, 50Ω**



**Description:**

The C3A50Z4 is high performance Alumina (Al<sub>2</sub>O<sub>3</sub>) 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
- 3 Watts
- Al<sub>2</sub>O<sub>3</sub> Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Test
- Small Size

**General Specifications:**

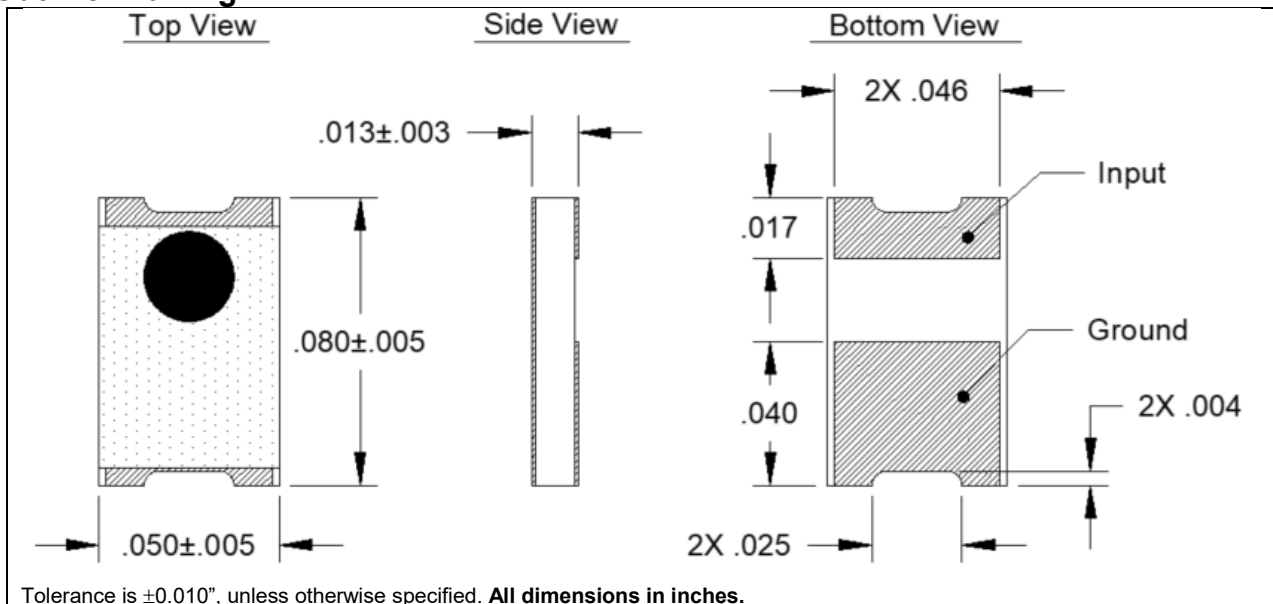
<b>Resistive Element:</b>	Thick Film
<b>Substrate:</b>	Al <sub>2</sub> O <sub>3</sub> Ceramic
<b>Terminal Finish:</b>	Matte Tin over Nickel Barrier
<b>Operating Temperature:</b>	-55 to +150°C (see de-rating curve)

**Electrical Specifications:**

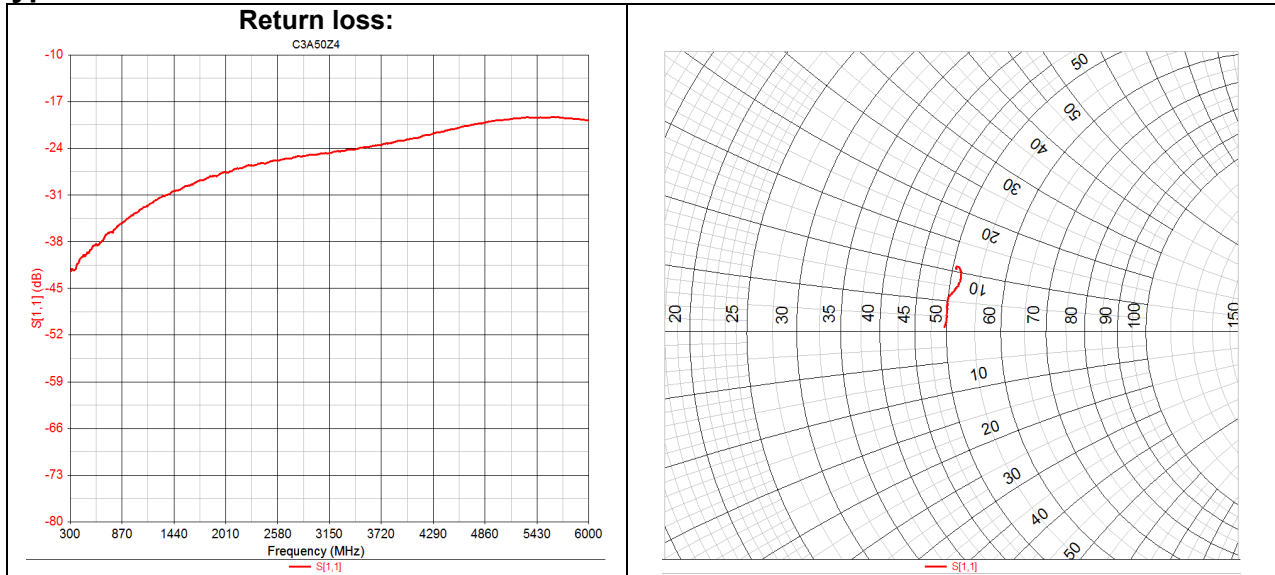
<b>Impedance:</b>	50 Ohms
<b>Power:</b>	3 Watts
<b>Max Frequency:</b>	6.0 GHz
<b>Return Loss:</b>	>18 dB

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

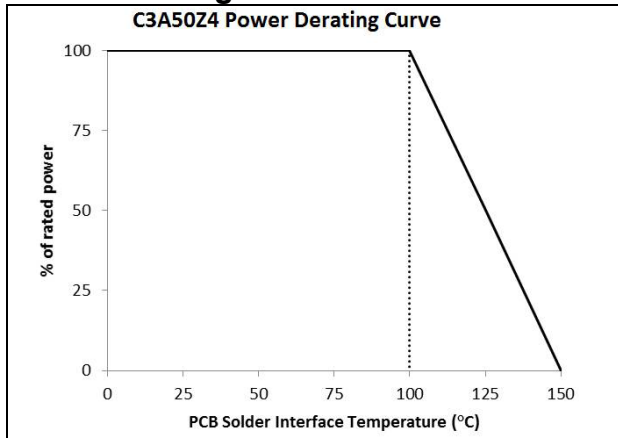
**Outline Drawing:**



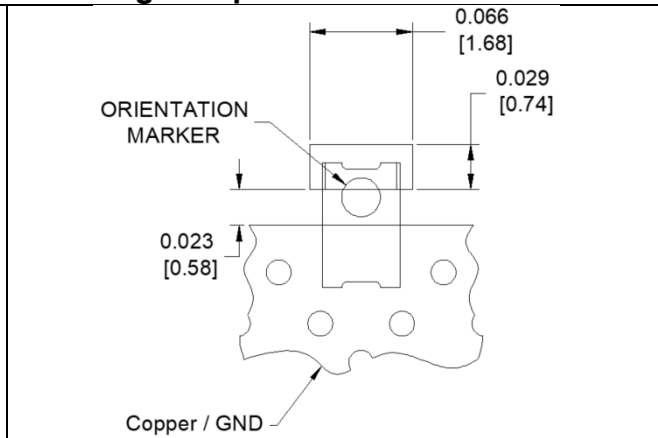
**Typical Performance:**



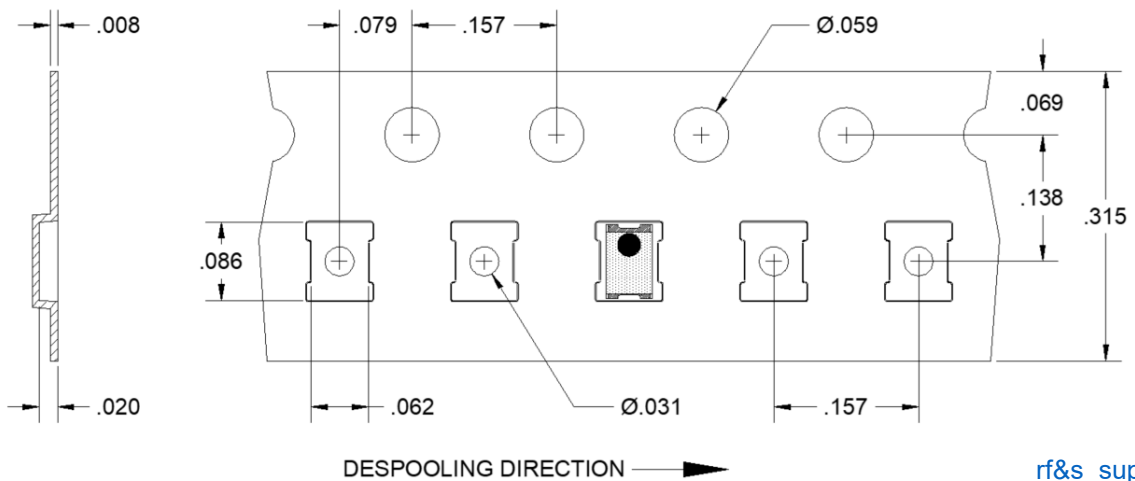
**Power de-rating:**



**Mounting Footprint:**



**Tape & Reel:**



Contact us:  
[rf&s\\_support@ttm.com](mailto:rf&s_support@ttm.com)

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