

Surface Mount RF Termination
0.5 Watts, 50Ω



Features:

- RoHS Compliant
- 0.5 Watts
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

Description:

The C05N50Z4 is a high performance Aluminum Nitride (AlN) surface mount termination. The termination is designed particularly for LTE and 5G frequency bands and is well suited for all other cellular frequency bands such as; AMPS, GSM, DCS, PCS, PHS and UMTS. The high power handling makes the part ideal for terminating high power 90 degree couplers and for use in microstrip circuits. The termination is also RoHS compliant!

General Specifications:

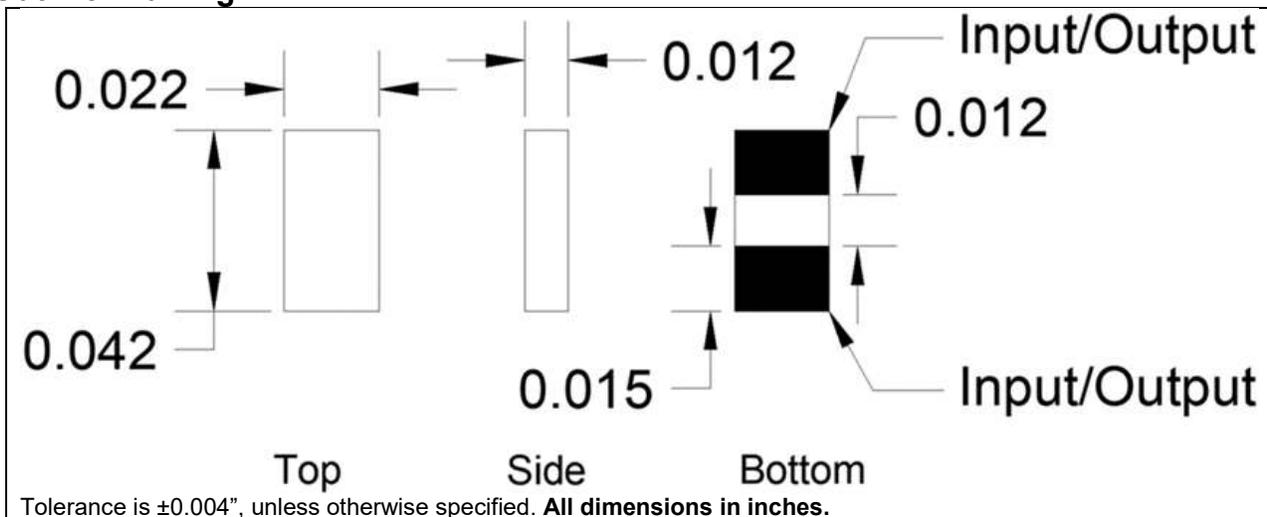
Resistive Element	Thick film
Substrate	AlN Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +150°C (see de-rating chart)

Electrical Specifications:

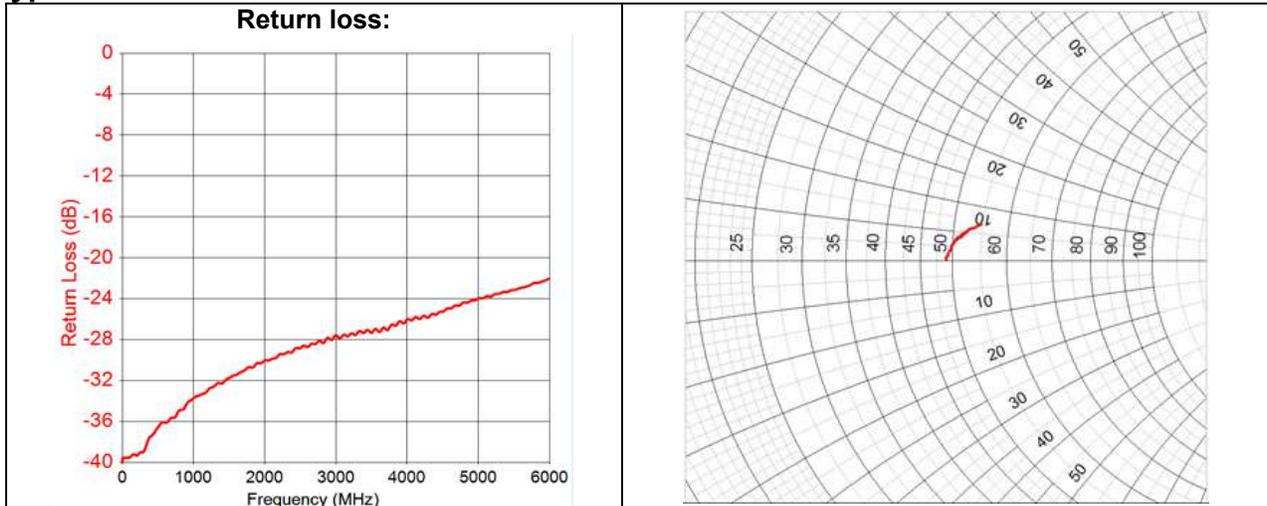
Power:	0.5 Watts
Max Frequency:	DC - 6.0 GHz
Return Loss:	>20 dB

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

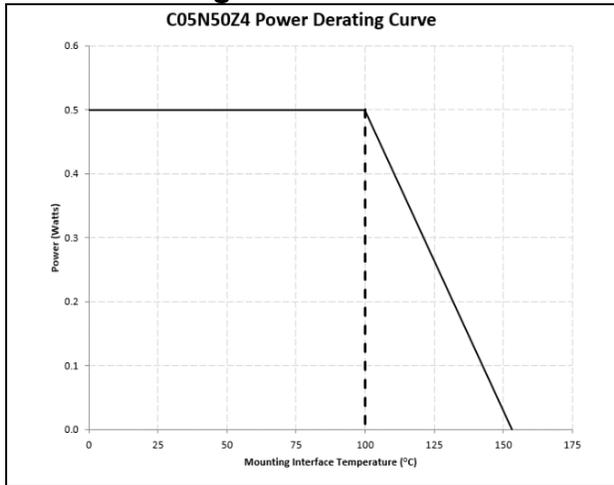
Outline Drawing:



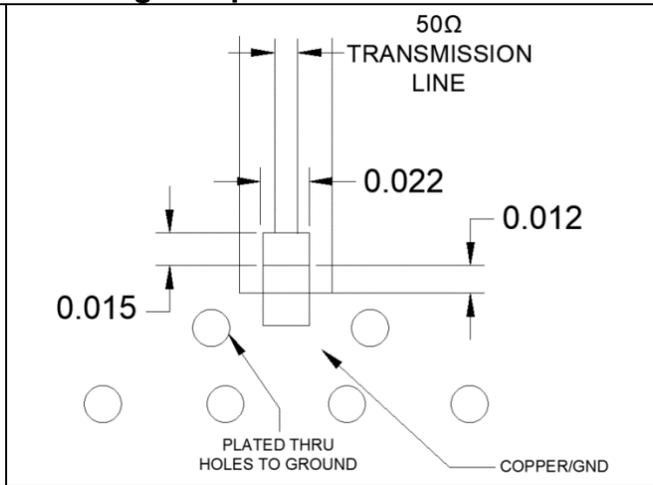
Typical Performance:



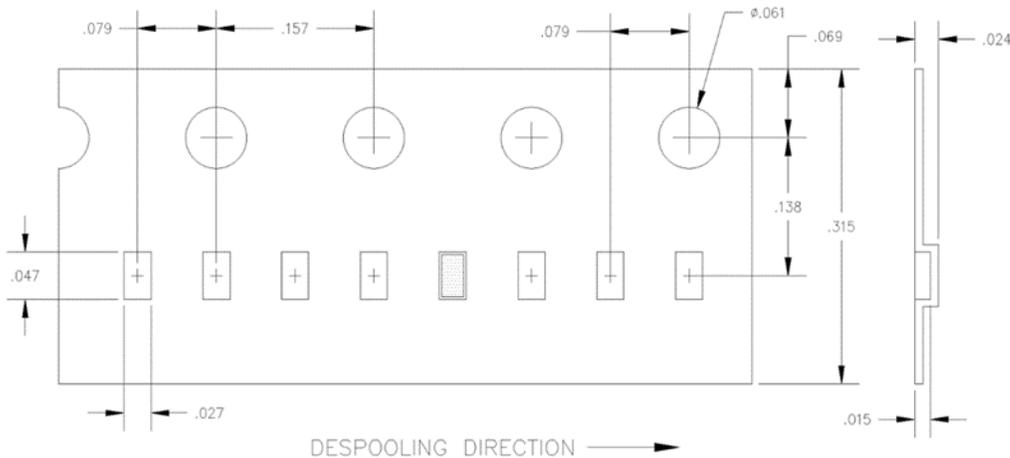
Power de-rating:



Mounting Footprint:



Tape & Reel:



Contact us:
rf&s_support@ttm.com