

Surface Mount Termination
12 Watts, 50Ω



Features:

- RoHS Compliant
- 12 Watts
- DC – 6.0 GHz
- AIN Ceramic
- Non-Nichrome Resistive Element
- Low Return Loss
- 100% Tested
- Small Size

Description:

The C12N50Z4 is a high performance AIN surface mount termination. The termination is well suited to all 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:

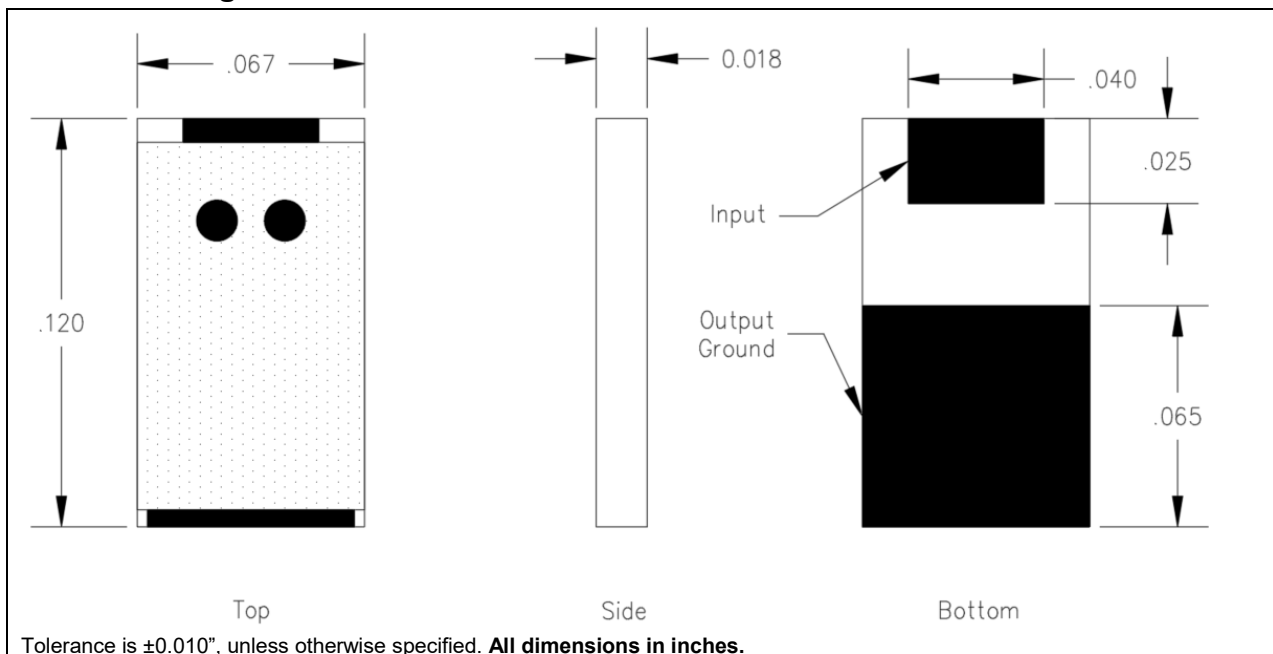
| | |
|------------------------------|-------------------------------------|
| Resistive Element | Thick film |
| Substrate | AIN Ceramic |
| Terminal Finish | Matte Tin over Nickel Barrier |
| Operating Temperature | -55 to +150°C (see de rating chart) |

Electrical Specifications:

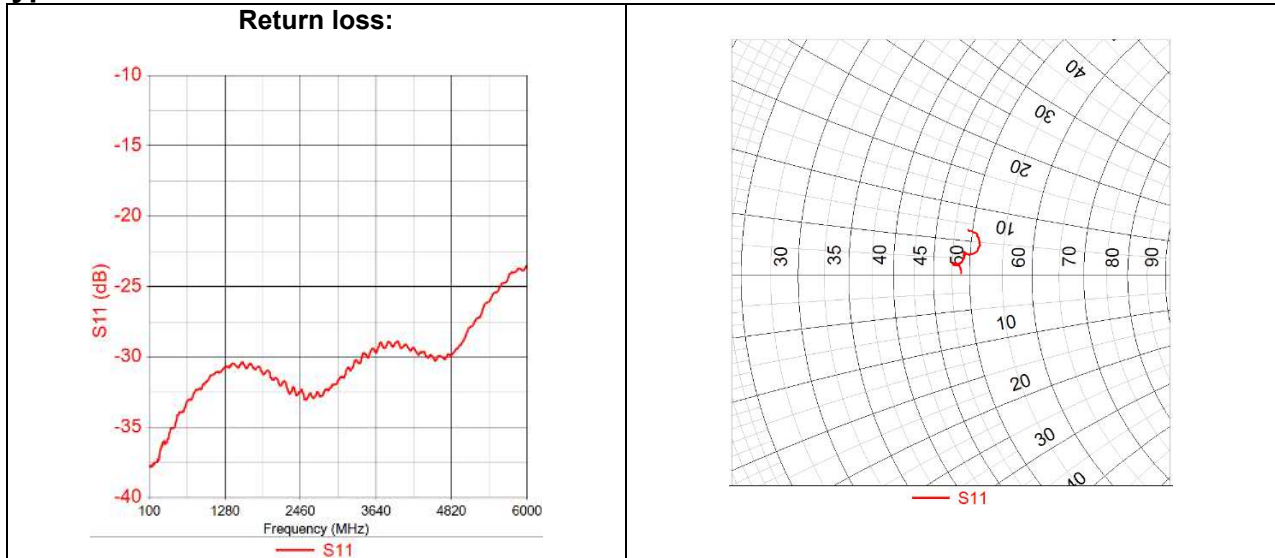
| | |
|-------------------------|--------------|
| Power: | 12 Watts |
| Frequency Range: | DC – 6.0 GHz |
| Return Loss | >20 dB |

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

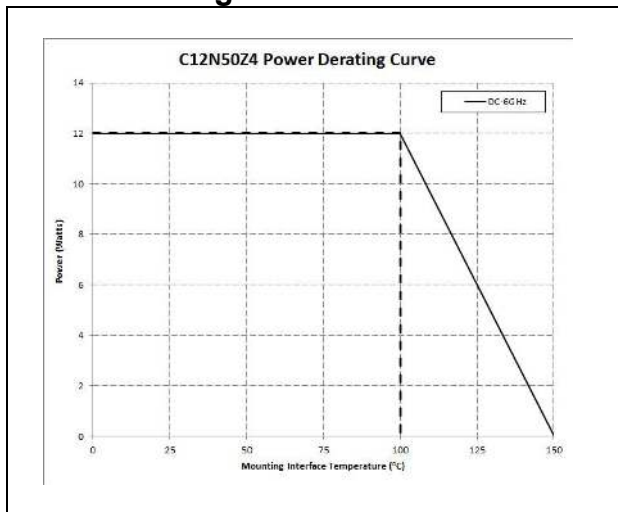
Outline Drawing:



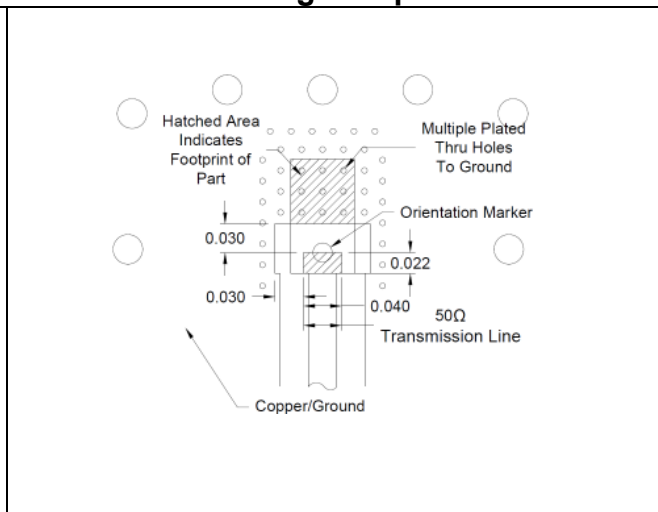
Typical Performance:



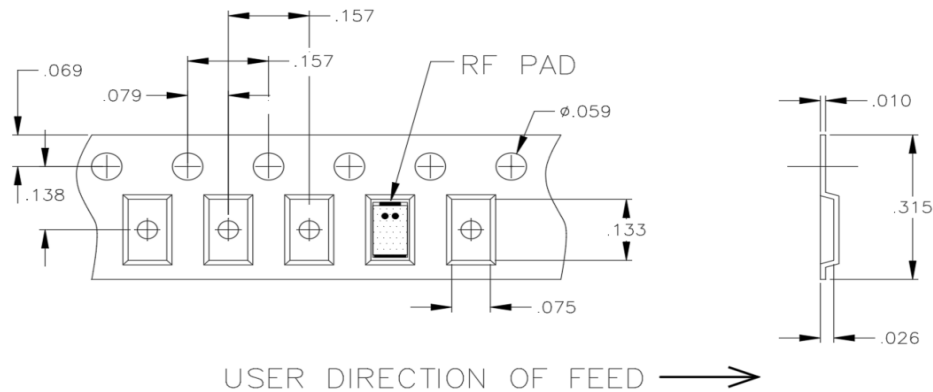
Power de-rating:



Mounting Footprint:



Tape & Reel:



Contact us:
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