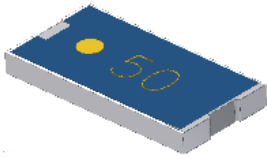


Surface Mount Termination
20 Watts, 50Ω



Features:

- RoHS Compliant
- 20 Watts
- DC – 5.0 GHz
- Al₂O₃ Ceramic
- Non-Nichrome Resistive Element
- Low Return Loss
- 100% Tested
- Small Size

Description:

The C20A50Z4 is high performance Alumina (Al₂O₃) surface mount termination intended as a cost competitive 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 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:

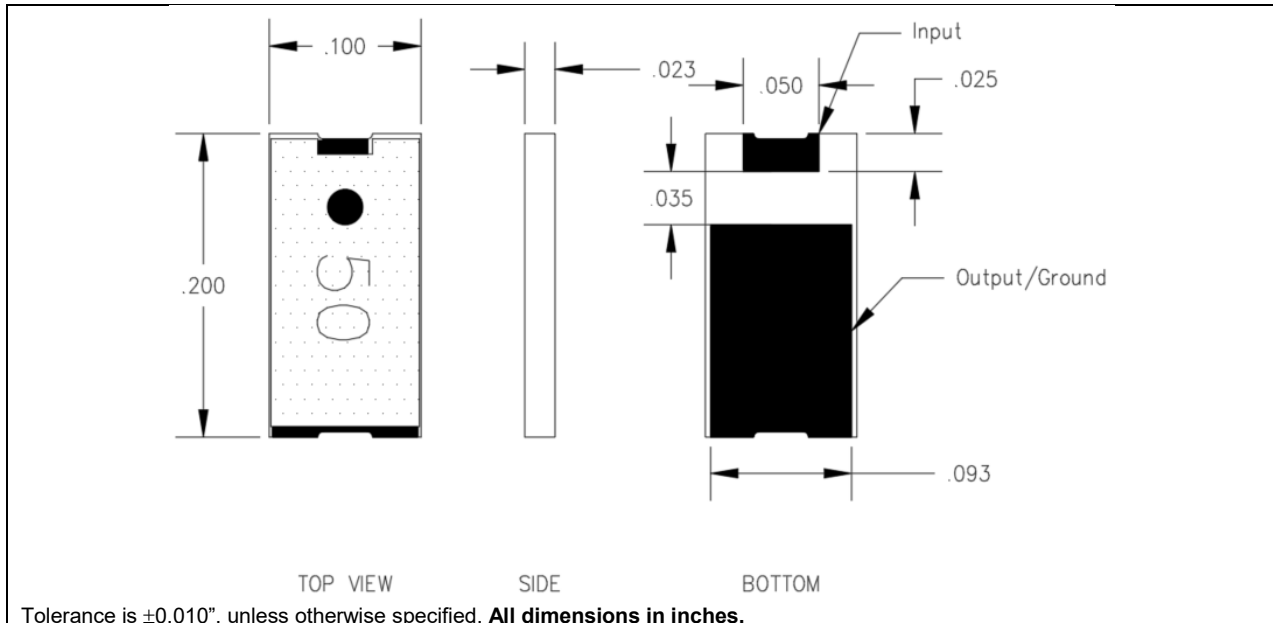
Resistive Element	Thick film
Substrate	Al ₂ O ₃ Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-50 to +125°C (see de rating chart)

Electrical Specifications:

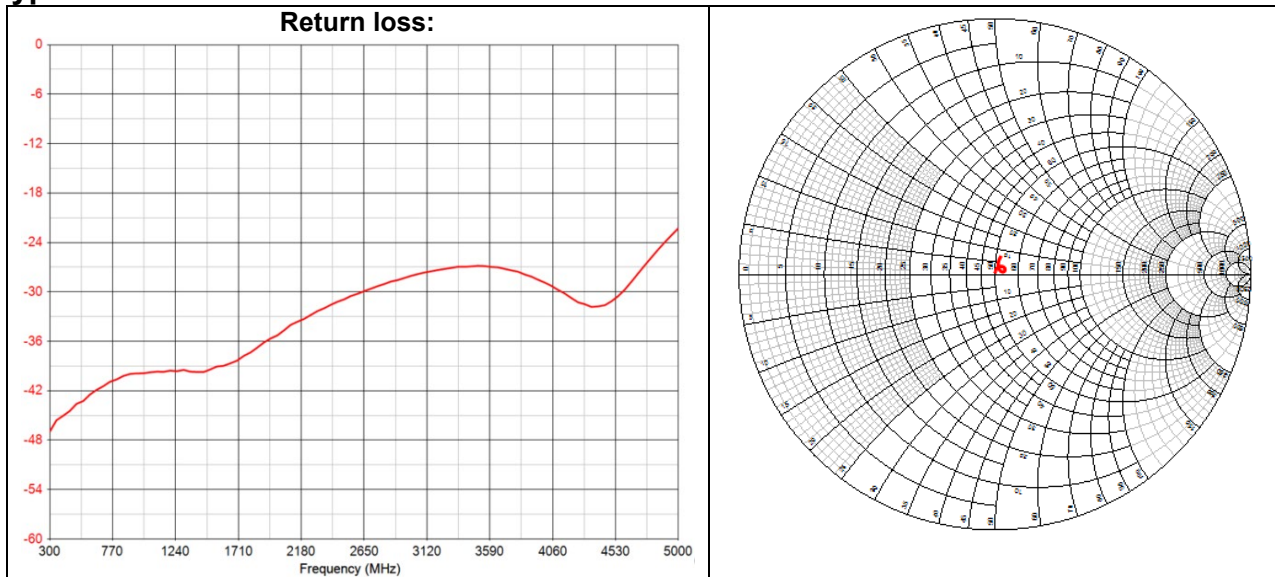
Resistance Value:	50 Ohms, ± 2%
Power:	20 Watts
Frequency Range:	DC – 5.0 GHz
Return Loss	>26 dB DC – 4.0 GHz >20 dB 4.0 GHz – 5.0 GHz

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

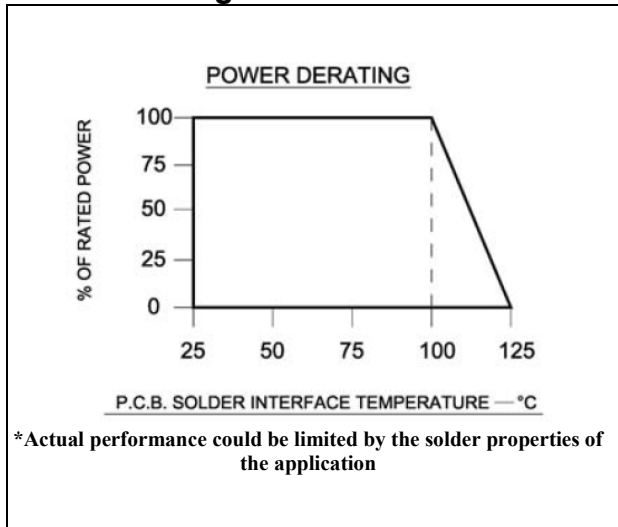
Outline Drawing:



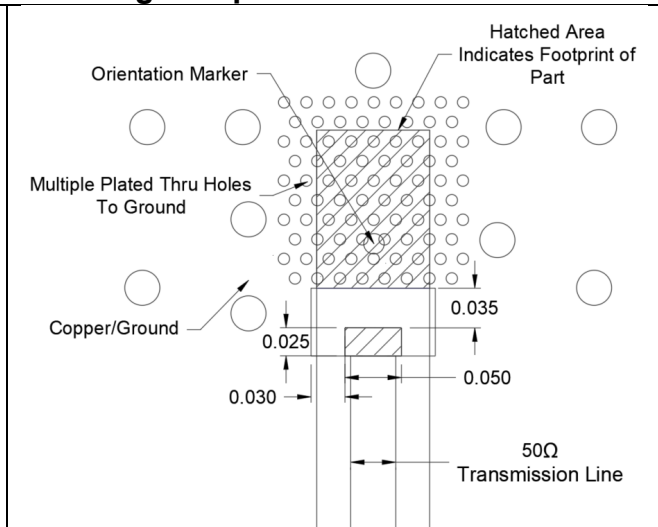
Typical Performance:



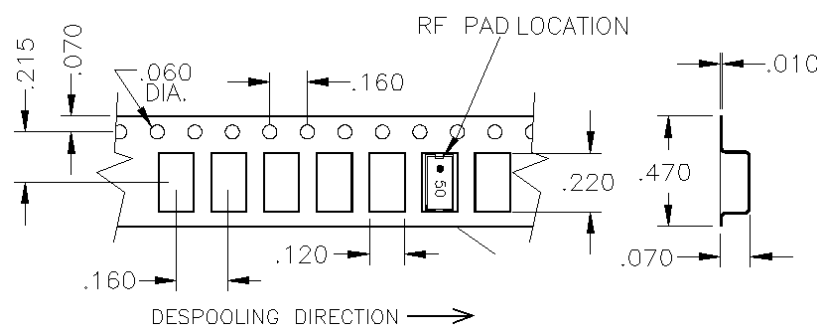
Power de-rating:



Mounting Footprint:



Tape & Reel:



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View C20A50Z4](#) on WIN SOURCE

 [TTM Technologies](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management