

Surface Mount Attenuator
50 Watts, 20dB



Description:

The D50AA20Z4 is a high performance Alumina (Al₂O₃) Surface mount attenuator intended as a cost competitive alternative to Beryllium Oxide (BeO). The attenuator 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 circulators, and for use in power monitoring. The attenuator is also RoHS compliant!

Features:

- RoHS Compliant
- 50 Watts
- DC – 2300 MHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

General Specifications:

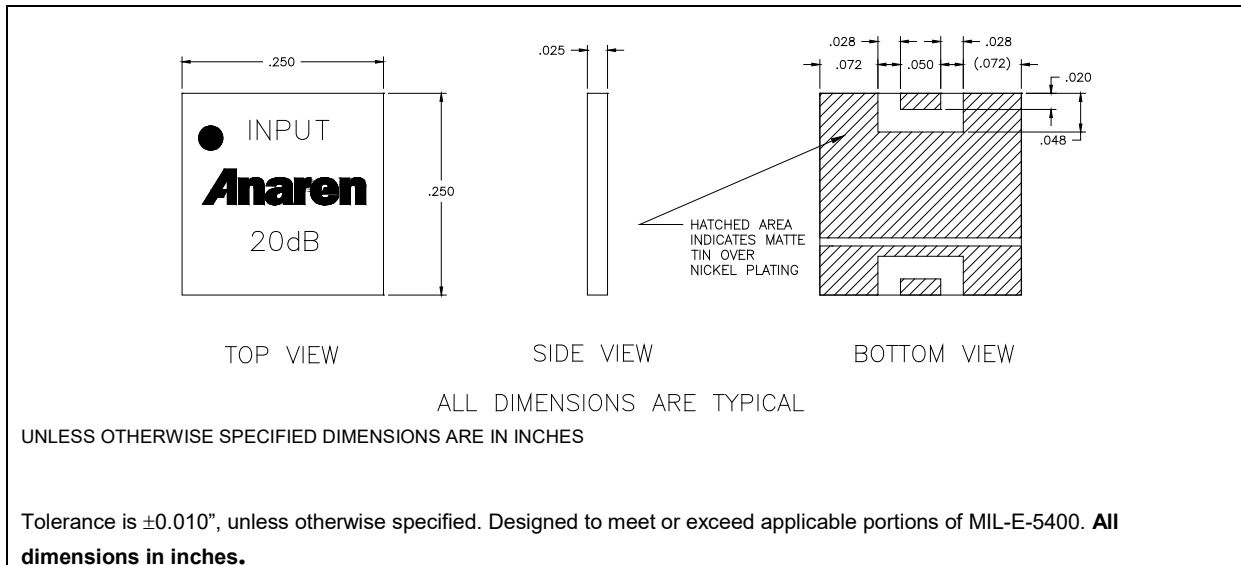
Resistive Element	Thick film
Substrate	Al ₂ O ₃ Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +200°C (see de rating chart)

Electrical Specifications:

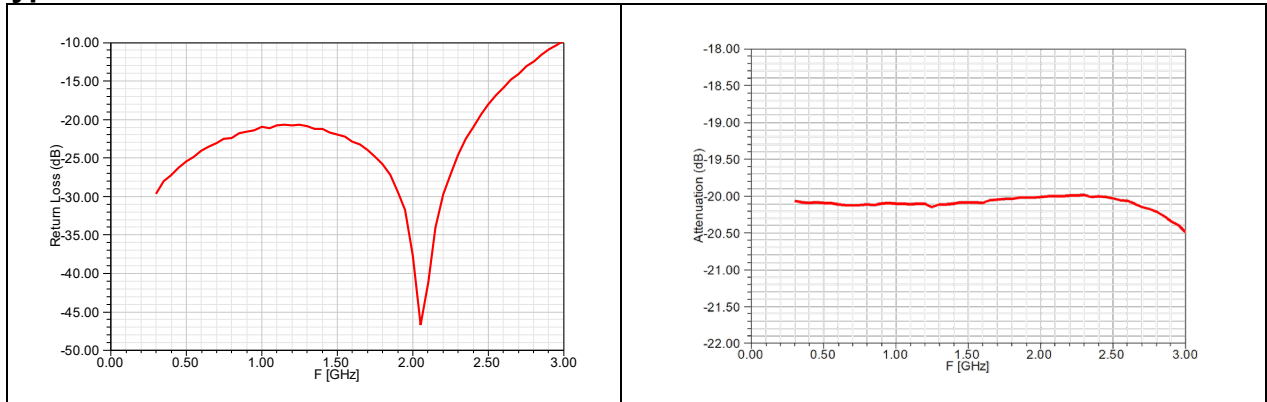
Attenuation Value:	20 dB ±0.5 dB
Power:	50 Watts
Frequency Range:	DC – 2300 MHz
Input Return Loss:	20 dB

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

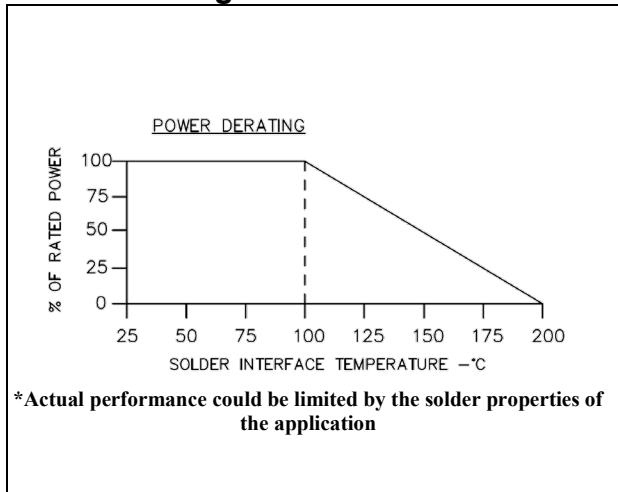
Outline Drawing:



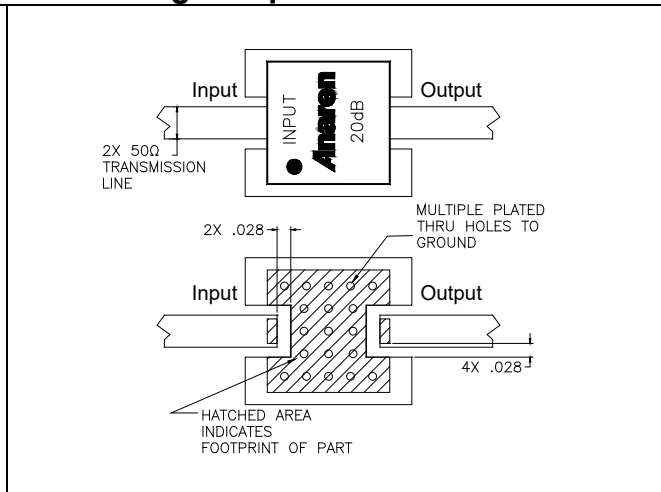
Typical Performance:



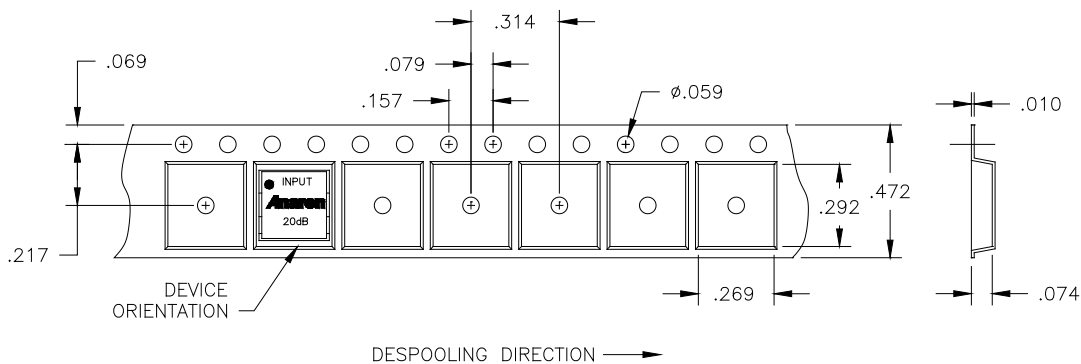
Power de-rating:



Mounting Footprint:



Tape & Reel:



Contact us:
rf&s_support@ttm.com