

Features:

- RoHS Compliant
- 10 Watts
- Low Cost
- DC 6.0GHz
- Al2O3 Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

Surface Mount Attenuator 10 Watts, 2dB

The XRA10AA2SES is a high performance Alumina (Al2O3) chip attenuator intended as a cost competitive alternative to Beryllium Oxide (BeO). It is designed particularly for LTE and 5G wireless communication frequency bands. The high power handling makes the part ideal for inter-stage matching, directional couplers, and for use in isolators. The attenuator is also RoHS compliant!

General Specifications

Resistive Element
Substrate
Al2O3 Ceramic
Terminal Finish
Operating
Temperature

Thick film
Al2O3 Ceramic

Matte Tin over Nickel Barrier

-55 to +150°C (see de rating chart)

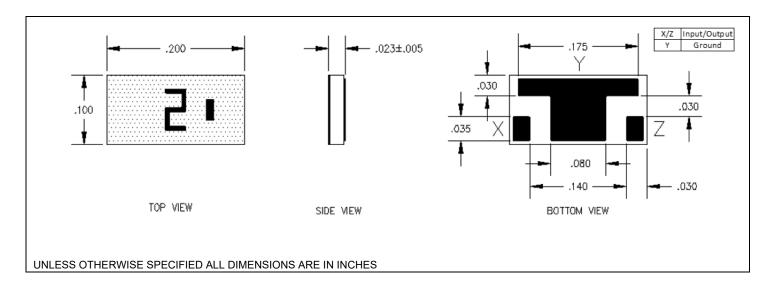
Tolerance is ±0.010", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. **All dimensions in inches**.

Electrical Specifications

Attenuation Value: $2.0 \pm 0.3 \text{ dB}$ Power:10 WattsFrequency Range:DC - 6.0 GHzInput Return Loss:20 dB

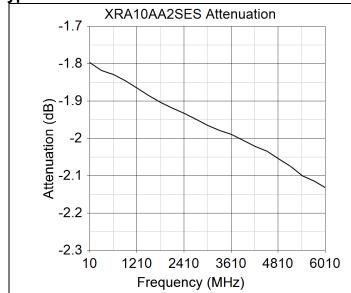
Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change.**

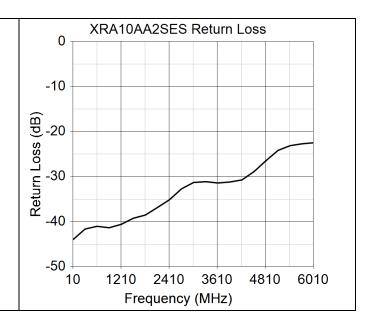
Outline Drawing



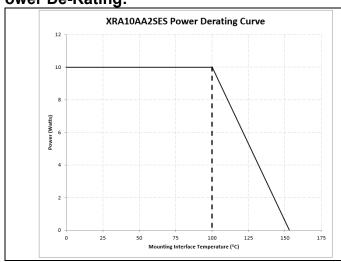


Typical Performance

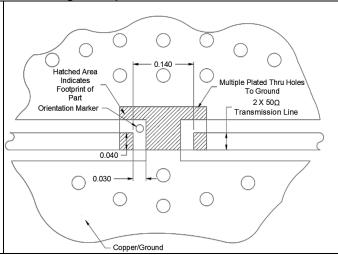




Power De-Rating:

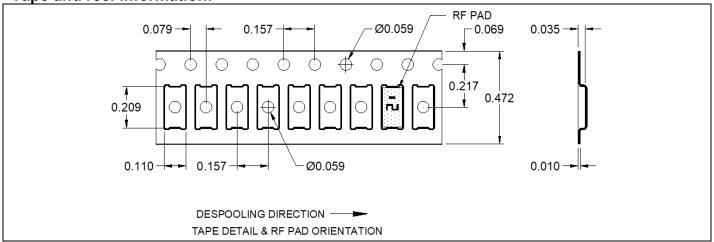


Mounting Footprint:

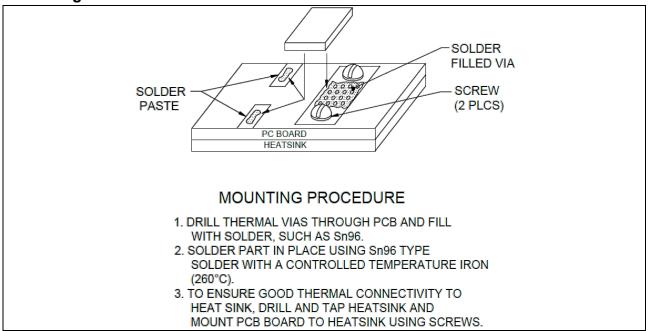




Tape and reel information:



Mounting Procedure



Contact us:

rf&s_support@ttm.com

