

Surface Mount Attenuator
10 Watts, 30dB



Description:

The XRA10FF30SES is a high performance Aluminum Nitride (AlN) 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!

Features:

- RoHS Compliant
- 10 Watts
- Low Cost
- DC – 5.0GHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

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)

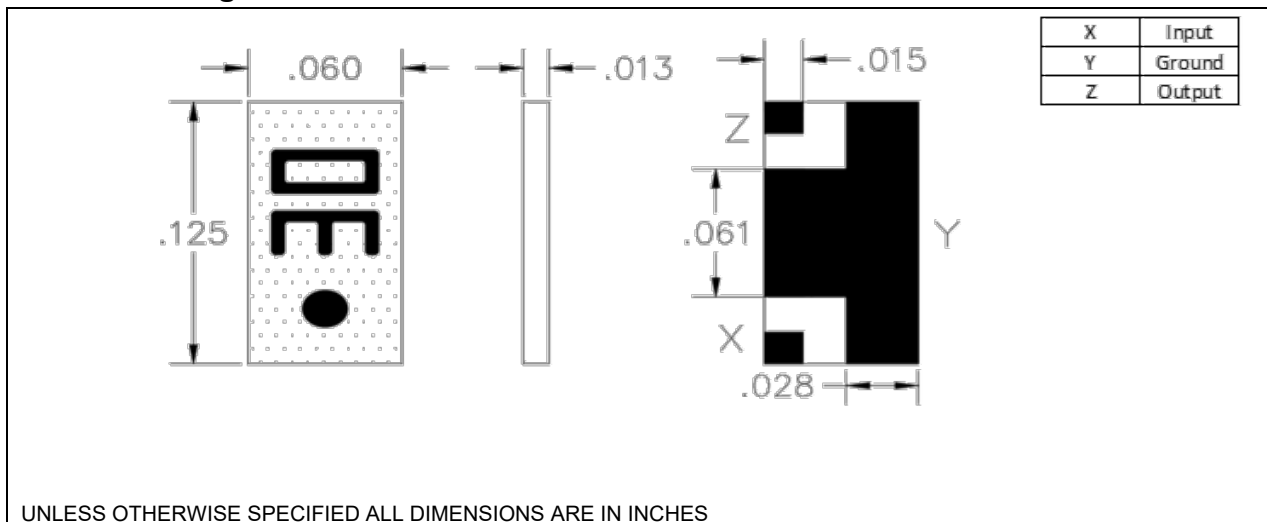
Tolerance is $\pm 0.010"$, unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. **All dimensions in inches .**

Electrical Specifications:

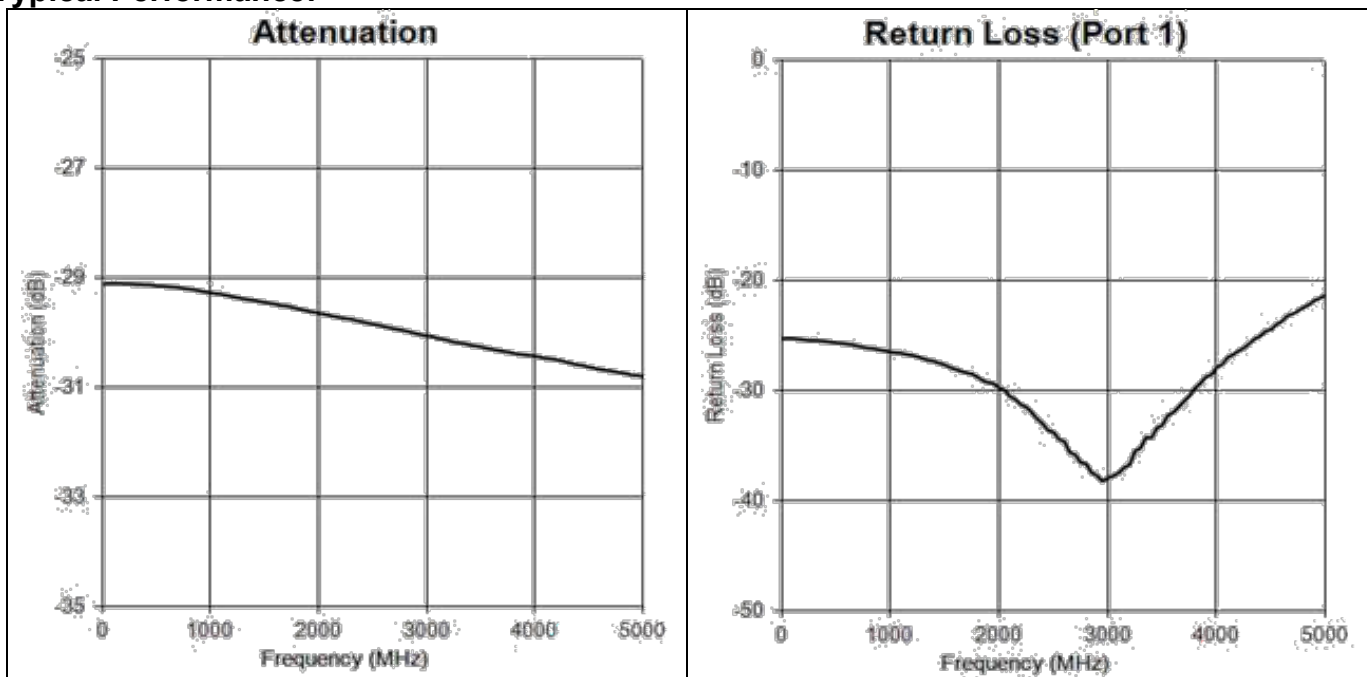
Attenuation Value:	30dB ± 1.5 dB 30dB ± 2.0 dB
Power:	10 Watts
Frequency Range:	DC – 5.0GHz
Input Return Loss:	18dB DC - 4.0GHz 16dB 4.0 – 5.0GHz

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

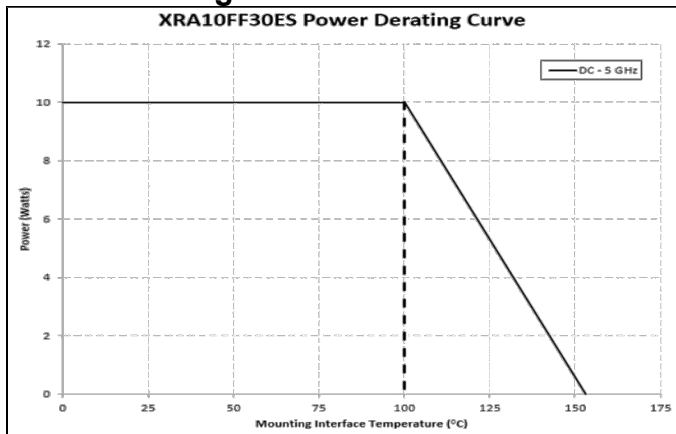
Outline Drawing:



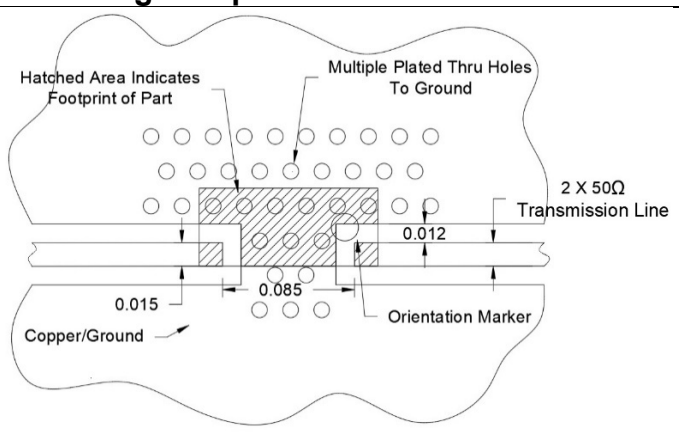
Typical Performance:



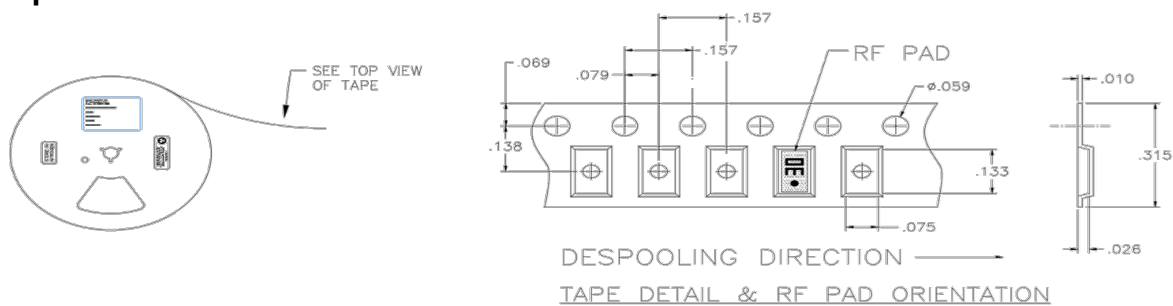
Power de-rating:



Mounting Footprint:



Tape & Reel:



Contact us:
rf&s_support@ttm.com