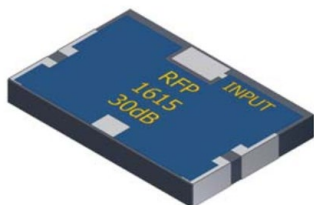


Chips Attenuator 100 Watts, 30 dB



Description:

The 1615-30 is high performance Aluminum Nitride (AlN) Chip 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 Attenuator is also RoHS compliant!

Features:

- RoHS Compliant
- 100 Watts
- DC – 2.3 GHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tester

General Specifications:

Resistance Element:	Thick film
Substrate:	AlN Ceramic
Terminal Finish:	Matte Tin over Nickel Barrier
Operating Temperature:	-55 to +200°C (see de-rating chart)

Electrical Specifications:

Attenuation Value:	30dB	±0.5 dB, DC – 960 MHz +0.5, -1 dB, 960 MHz – 2.3 GHz
Power:	100 Watts	
Frequency Range:	DC-2.3 GHz	
Input Return Loss:	19dB	

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

Outline Drawing:

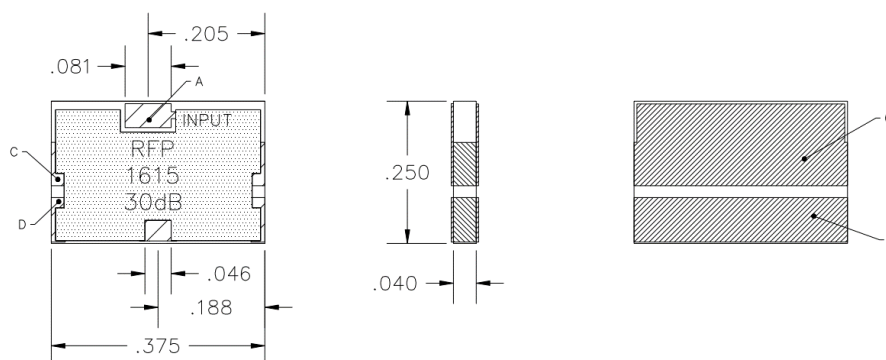
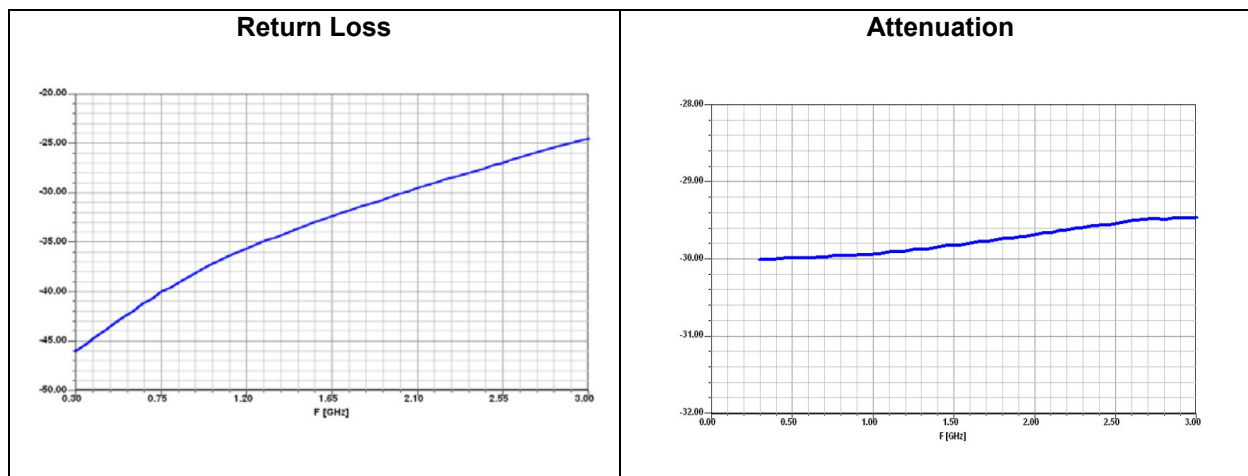


TABLE 1: RESISTOR VALUE CHART				
ATTENUATION	A – B	A – C	B – D	TOLERANCE
30 dB	790 Ω	53 Ω	53 Ω	±4%

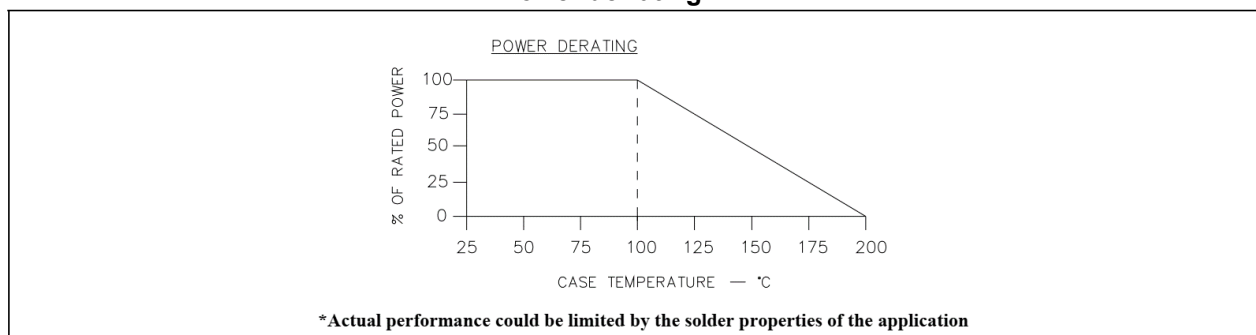
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON DECIMALS .XXX ± .010

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

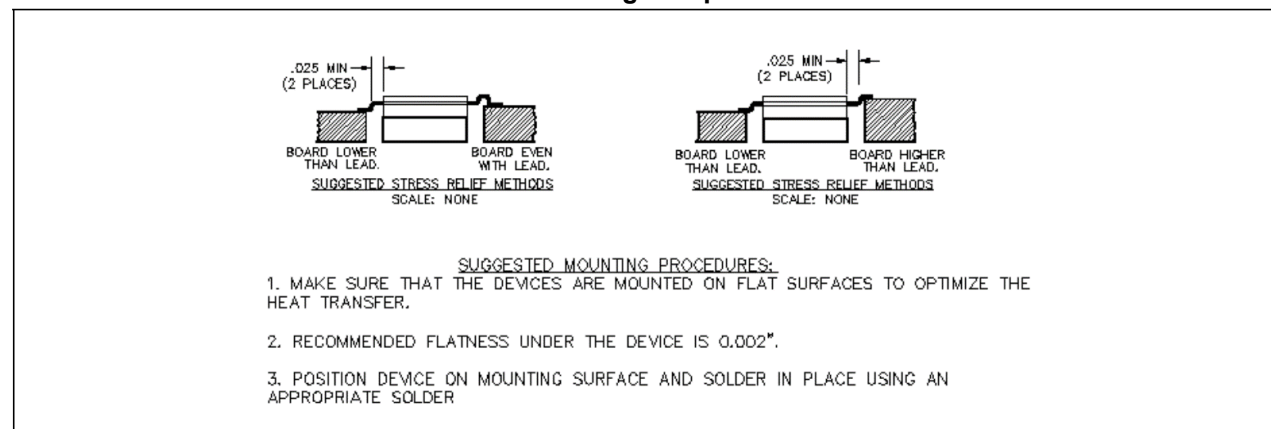
Typical Performance:



Power de-rating:



Mounting Footprint:



Contact us:
rf&s_support@ttm.com