



**Chip Attenuator  
150 Watts, 30dB**

**Features:**

- RoHS Compliant
- 150 Watts
- DC – 2.7 GHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tester

**Description:**

The B150NA30X4 is a 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 high power handling makes the part ideal for terminating circulators, and for use in power monitoring. The attenuator is also RoHS compliant!

**General Specifications:**

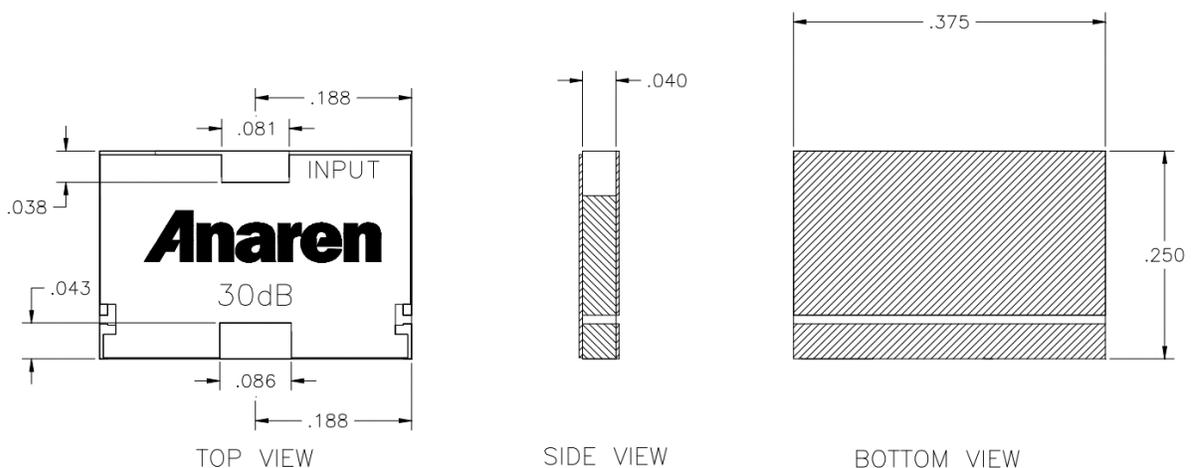
<b>Resistive Element</b>	Thick film
<b>Substrate</b>	AlN Ceramic
<b>Terminal Finish</b>	Matte Tin over Nickel Barrier
<b>Operating Temperature</b>	-55 to +200°C (see de rating chart)

**Electrical Specifications:**

<b>Attenuation Value:</b>	30dB	+0.5dB, -1dB DC–869 MHz
		±0.5, 960MHz–2.3GHz
		+0.5, -1 dB, 2.2GHz–2.7GHz
<b>Power:</b>	150 Watts	
<b>Frequency Range:</b>	DC - 2.7 GHz	
<b>Input Return Loss:</b>	20dB	

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

**Outline Drawing:**

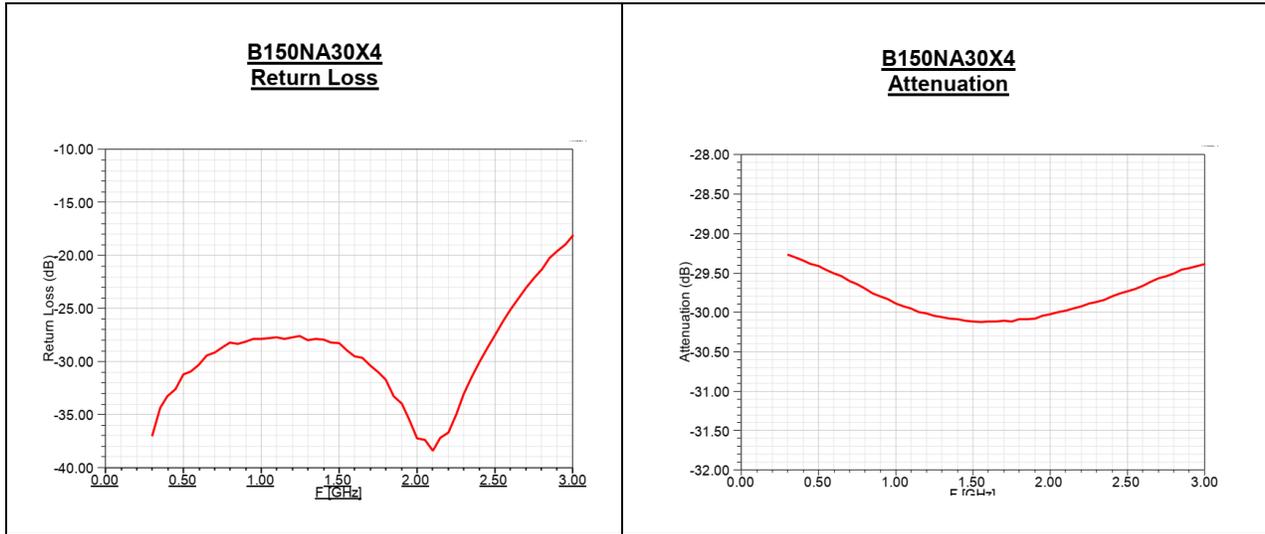


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

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

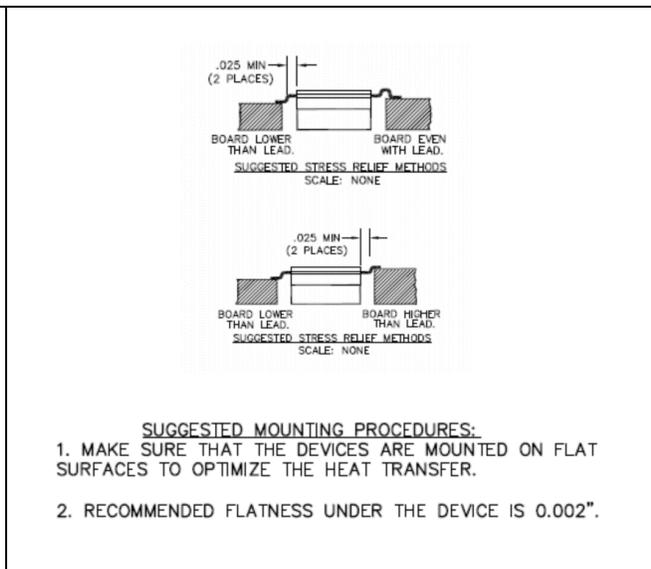
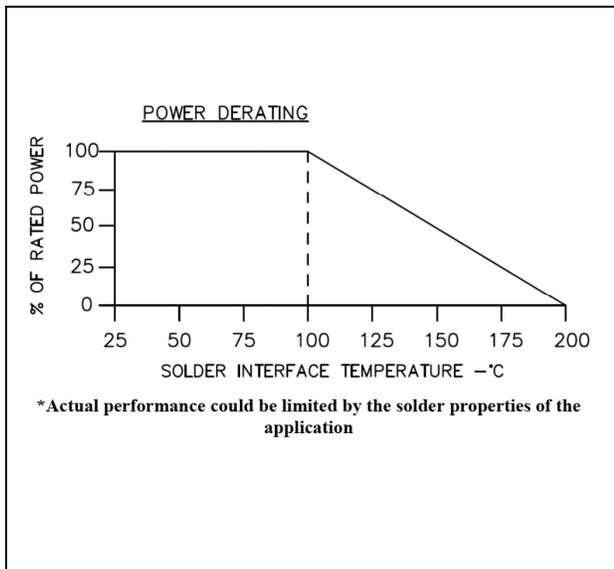
All dimensions in inches.

**Typical Performance:**



**Power de-rating:**

**Mounting Footprint:**



**Contact us:**  
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