

## Aluminum Nitride

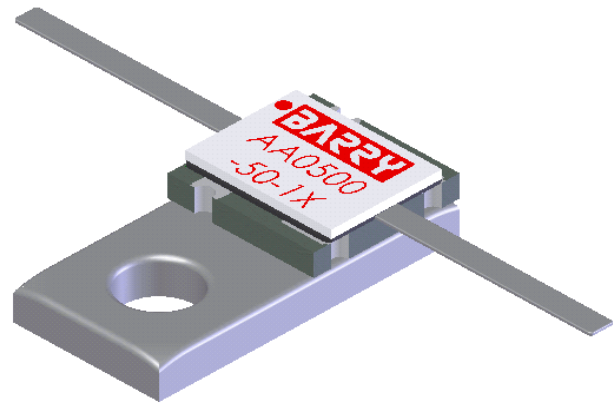
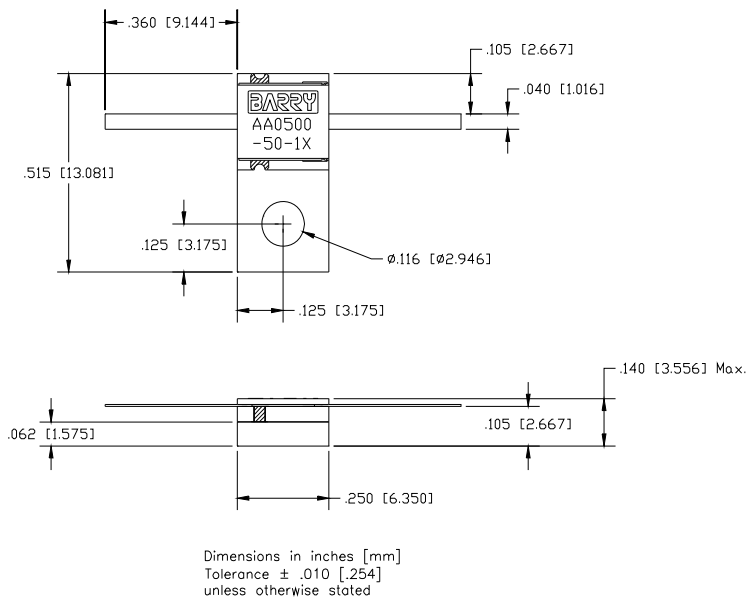
## FLANGED ATTENUATOR

### Features:

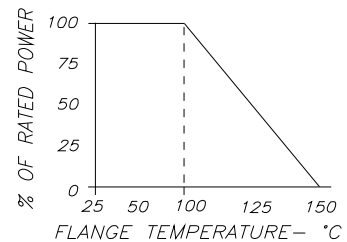
- ◆ Aluminum Nitride Material
- ◆ DC - 5 GHz Performance
- ◆ 50 Watt Input Power
- ◆ Flange Mount

### General Description:

The AA0500-50-1X is a flanged 5 dB AIN attenuator. It has an input power of 50 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 5 GHz.



DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		5	GHz
Input / Output Return Loss (DC - 4 GHz) (4 - 5 GHz)	19 17			dB
Input Power			50	Watts
Flange Temperature			100	°C
Attenuation Flatness (DC - 4 GHz) (4 - 5 GHz)		+/- 0.5 +/- 1.0		dB

Barry Industries reserves the right to change part number and or process without notification.

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