

## Aluminum Nitride

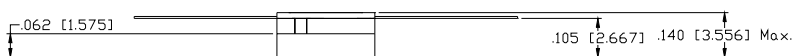
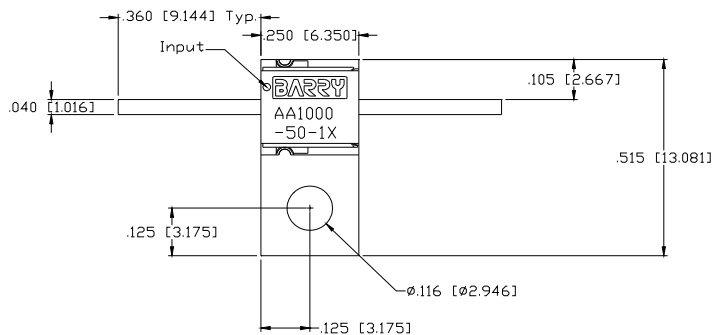
## FLANGED ATTENUATOR

### Features:

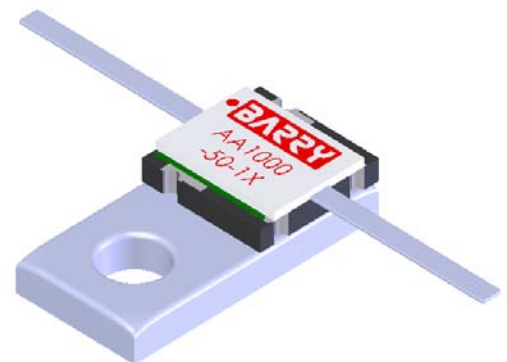
- ◆ AIN Material
- ◆ DC - 4 GHz Performance
- ◆ 50 Watt Input Power
- ◆ Flange Mount

### General Description:

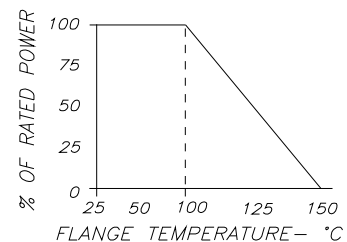
The AA1000-50-1X is a flanged 10 dB Aluminum Nitride attenuator. It has an input power rating of 50 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 4 GHz.



Dimensions in inches [mm]  
Tolerance  $\pm$  .010 [.254]  
unless otherwise stated



### DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		4	GHz
Input Return Loss	17			dB
Output Return Loss	17			dB
Input Power			50	Watts
Flange Temperature			100	°C
Attenuation Flatness	9	10	11	dB

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

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Barry Industries maintains an ISO 9001 Certified Quality Management System

Origination Date	Revision Date	Rev.
11/10/10	11/10/10	-