

BeO

30 dB

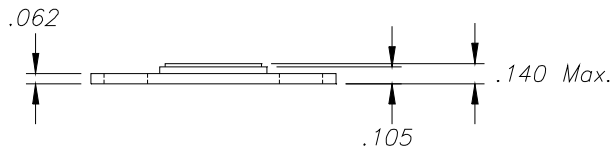
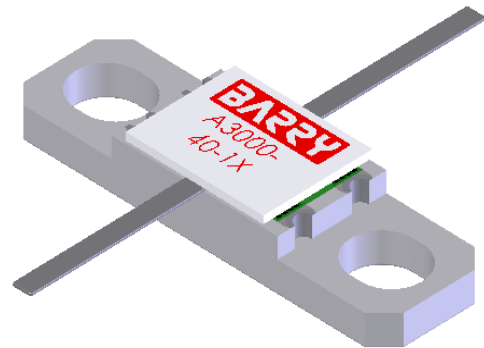
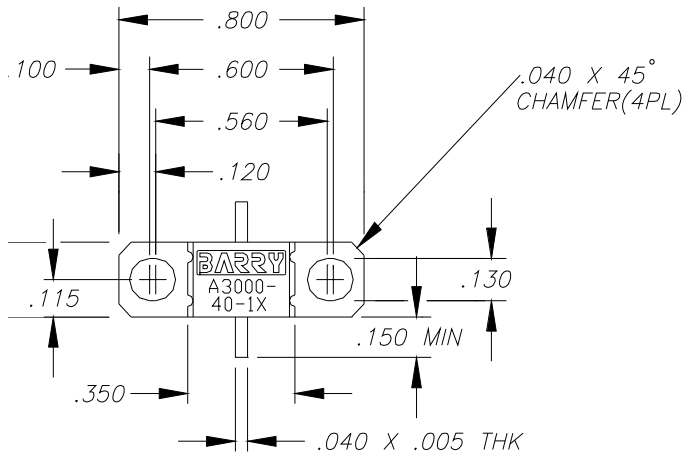
FLANGED ATTENUATOR

### Features:

- ◆ BeO Material
- ◆ DC - 3 GHz Performance
- ◆ 40 Watt Input Power
- ◆ Flange Mount

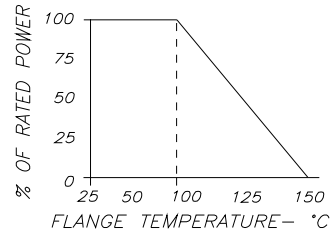
### General Description:

The A3000-40-1X is a flanged 30 dB, BeO attenuator. It has an input power rating of 40 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 3 GHz.



Dimensions in inches  
Tolerance  $\pm .010$   
unless otherwise stated

DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		3	GHz
Input Power			40	Watts
Input Return Loss	DC - 1 GHz	22.0		dB
Input Return Loss	>1GHz - 2GHz	19.5		
Input Return Loss	>2GHz - 3GHz	16.5		
Output Return Loss	DC - 1 GHz	22.0		dB
Output Return Loss	>1GHz - 2GHz	19.5		
Output Return Loss	>2GHz - 3GHz	16.5		
Flange Temperature			100 150 (0% Power)	°C
Attenuation	DC - 1 GHz	29.0	30	dB
Attenuation	>1GHz - 2GHz	27.5		
Attenuation	>2GHz - 3GHz	26.0		

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.
05/27/08	10/11/12	A