

## Aluminum Nitride

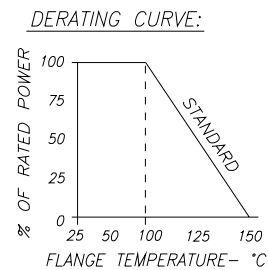
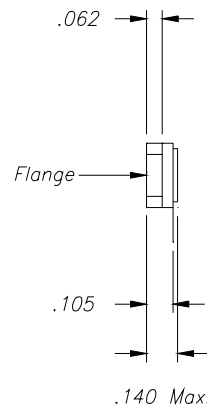
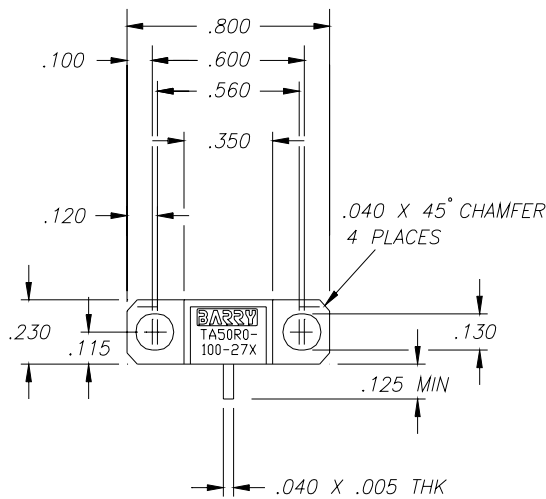
## Flanged Termination

### Features:

- ◆ ALN material
- ◆ DC- 6 GHz performance
- ◆ 100 Watt power handling

### General Description:

The TA50R0-100-27X is a 50 Ohm flange mounted termination capable of dissipating 100 Watts while maintaining a constant heat sink temperature of 100°C with a frequency from DC- 6 GHz.



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		6	GHz
Input Return Loss	DC - 4.5 GHz 4.5 - 6 GHz	24 17		dB
Impedance Tolerance		+/- 5%		Ohms
Power Dissipation			100	Watts
Flange Temperature			100	°C

\* 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.
6/21/06	6/21/06	-