

**BeO FREE™**

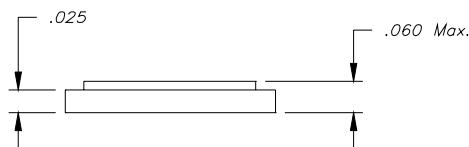
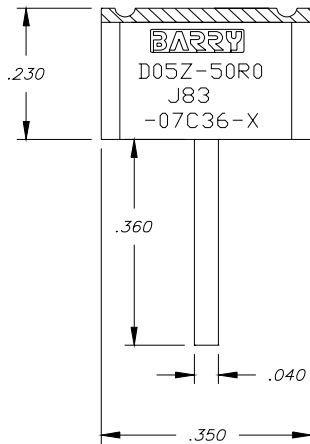
**LEADED TERMINATION**

**Features:**

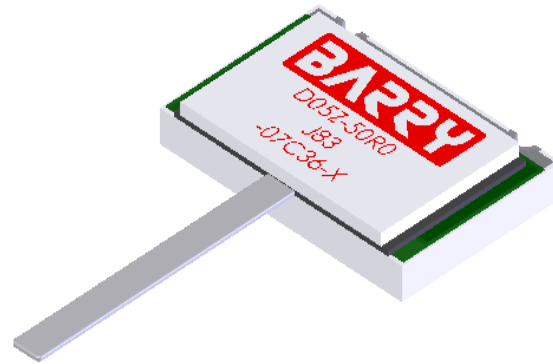
- ◆ BeO FREE™ Material
- ◆ DC- 2 GHz Performance
- ◆ 50 Watt Input Power
- ◆ Solder Mountable

**General Description:**

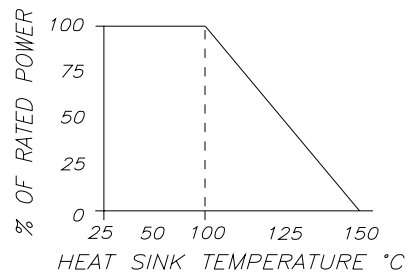
The D05Z-50R0J83-07C36-X is a leaded 50 ohm, BeO Free™ termination. It has an input power of 50 watts max, while maintaining a constant mounting surface temperature. It offers a frequency range from DC to 2 GHz.



Dimensions in inches  
Tolerance ± .010  
unless otherwise stated



DERATING CURVE:



| Parameter             | Min. | Typ. | Max. | Units |
|-----------------------|------|------|------|-------|
| Frequency Range       | DC   |      | 2    | GHZ   |
| Input Power           |      |      | 50   | Watts |
| Resistance            | 47.5 | 50   | 52.5 | Ohms  |
| Input Return Loss     | 20   |      |      | dB    |
| Heat Sink 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. |
|------------------|---------------|------|
| 02/12/08         | 02/12/08      | -    |