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D07Z-50R0J2T-01C36-X



ALUMINUM NITRIDE

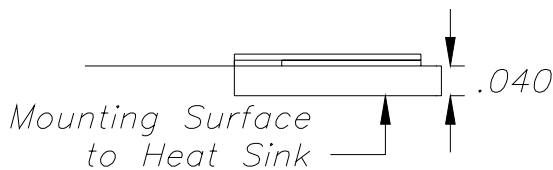
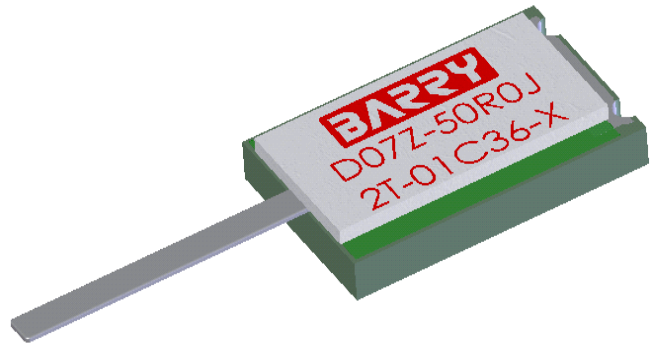
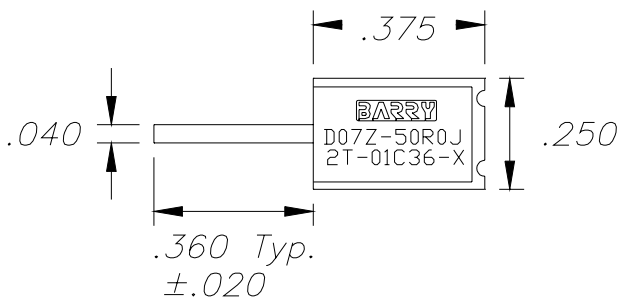
LEADED TERMINATION

Features:

- ◆ Aluminum Nitride material
- ◆ DC-3.5 GHz performance
- ◆ 150 Watt input power
- ◆ Solder mountable

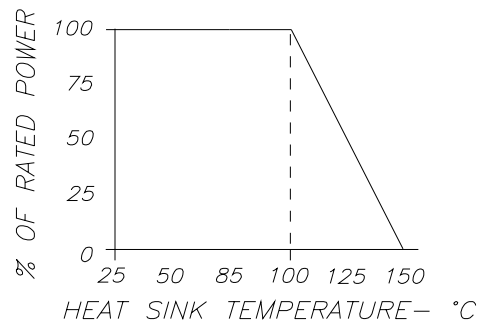
General Description:

The D07Z-50R0J2T-01C36-X is a 50 ohm Aluminum Nitride leaded termination with an input power of 150 watts, and a frequency range from DC - 3.5 GHz.



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

DERATING CURVE:



| Parameter | Min. | Typ. | Max. | Units |
|---|----------|------|------|-------|
| Frequency Range | DC | | 3.5 | GHz |
| Resistance | 47.5 | 50 | 52.5 | Ohms |
| Input Return Loss (DC - 2.0 GHz) (2 - 3.5 GHz) | 20 26 | | | dB |
| Input Power | | | 150 | Watts |
| 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. |
|------------------|---------------|------|
| 1/27/06 | 8/13/07 | A |