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# D05Z-50R0J2T-15C36-X



## ALUMINUM NITRIDE

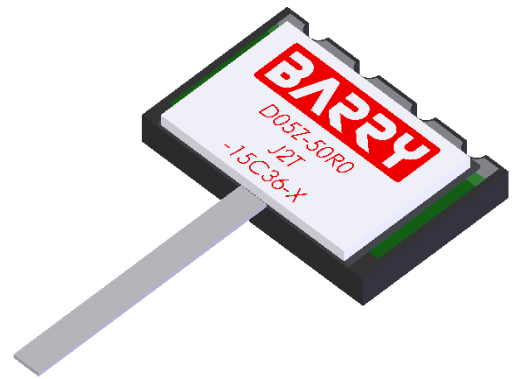
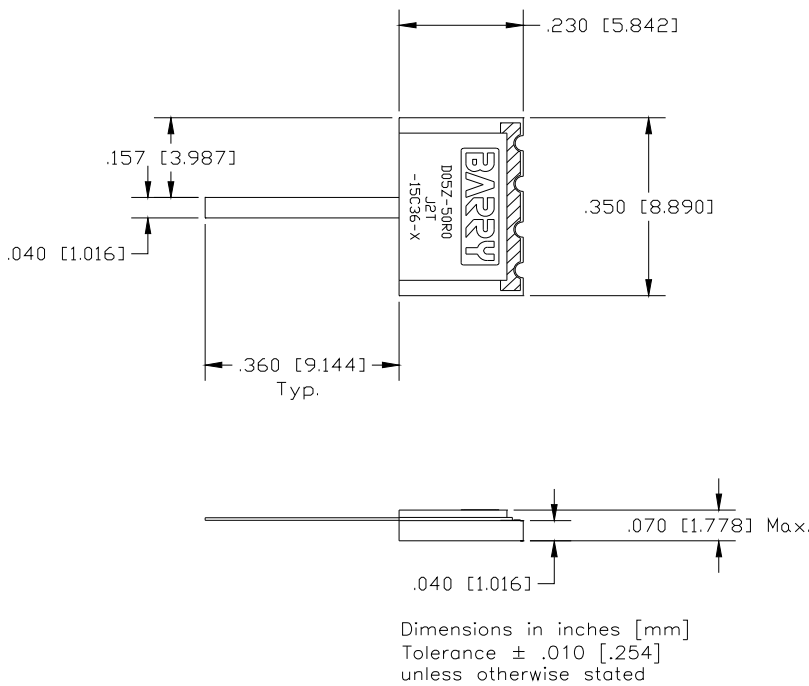
## LEADED TERMINATION

### Features:

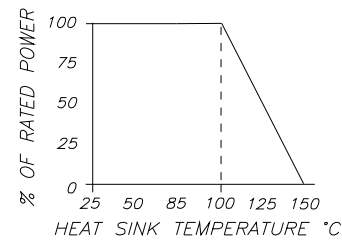
- ◆ Aluminum Nitride Material
- ◆ DC - 5 GHz Performance
- ◆ 100 Watt Input Power
- ◆ Solder Mountable

### General Description:

The D05Z-50R0J2T-15C36-X is a leaded 50 ohm, Aluminum Nitride termination. It has an input power of 100 watts max, while maintaining a constant mounting surface temperature of 100°C. It offers a frequency range from DC to 5 GHz.



DERATING CURVE:



| Parameter                                     | Min.     | Typ. | Max. | Units |
|---|----------|------|------|-------|
| Frequency Range                               | DC       |      | 5    | GHz   |
| Input Power                                   |          |      | 100  | Watts |
| Input Return Loss (DC - 4 GHz)<br>(4 - 5 GHz) | 30<br>20 |      |      | dB    |
| Resistance                                    | 47.5     | 50   | 52.5 | Ohms  |
| Mounting Surface Temperature                  |          |      | 100  | °C    |

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

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Barry is ISO 9001:2000 Certified by



| Origination Date | Revision Date | Rev. |
|------------------|---------------|------|
| 10/23/08         | 10/23/08      | -    |