

# Termination, Chip

Frequency Range: DC to 2.0 GHz, Power: 16 Watts



## Features

- High Power
- Thin Film Resistor
- Terminal Ground Pad
- Surface Mount Configuration

This high power device is designed to dissipate power in RF circuits when mounted to an appropriate heat sink. The terminations provide a low VSWR under maximum power conditions.

## Technical Specifications

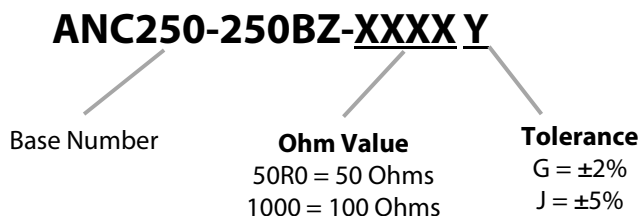
| Parameter         | Value   |
|-------------------|---|
| Frequency Range   | DC to 2.0 GHz   |
| Impedance         | 50 $\pm$ 5% Standard                                  |
| Power Handling*   | 16 Watts Avg.<br>Derated Linearly to 0 Watts @ +150°C |
| VSWR              | 1.25:1 Max.   |
| Return Loss       | >30dB @ 1 GHz   |
| Temperature Range | -55°C to +150°C                                       |

## Material

| Feature           | Material              |
|-------------------|-----------------------|
| Substrate         | Aluminum Nitride      |
| Resistor Material | Proprietary Thin Film |
| Terminal Finish   | Silver                |

\*Mounting surfaces shall not exceed 100°C. Max.

## How to Order

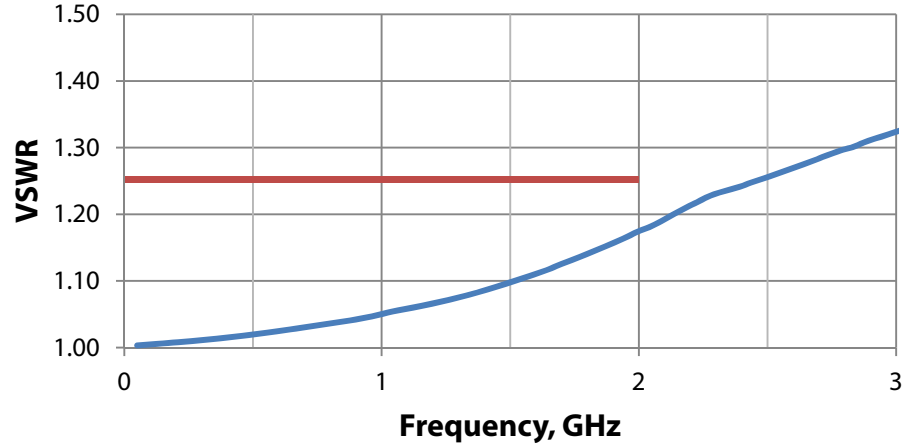


## Ordering Examples

Model Number: ANC250-250BZ-50R0J  
 50 Ohms; 5%

## Performance Characteristics

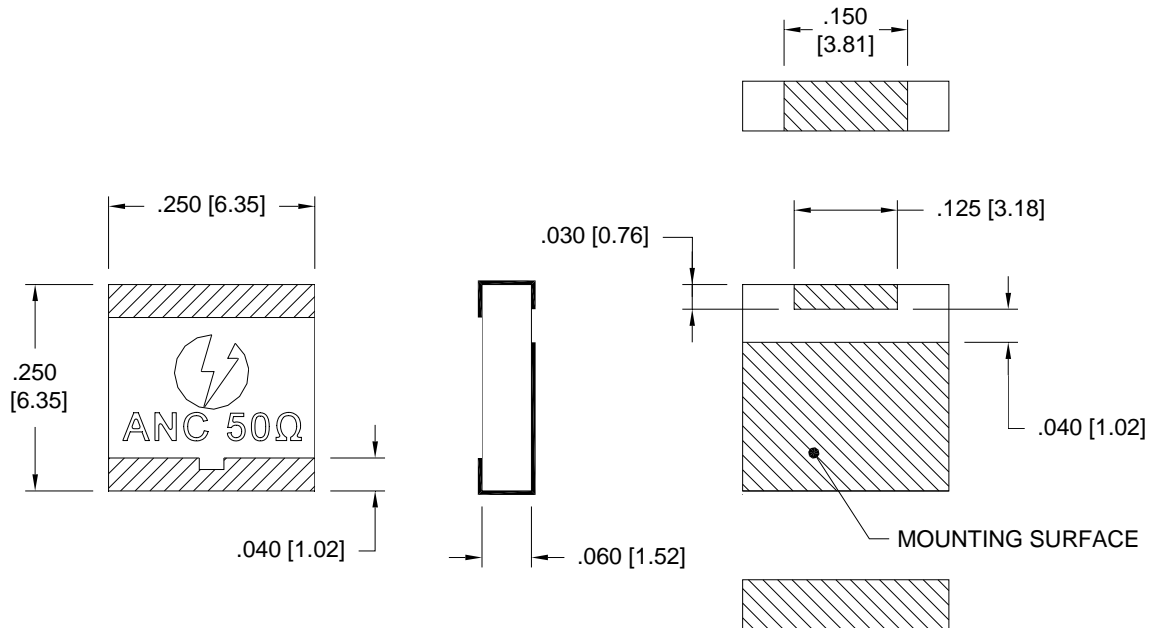
### Typical Performance



## Physical Dimensions

Model Number: ANC250-250BZ-50R0J shown

Tolerance: .XXX" - ±.010"



Note: Dimensions in Brackets [ ] are expressed in Millimeters and are for reference only