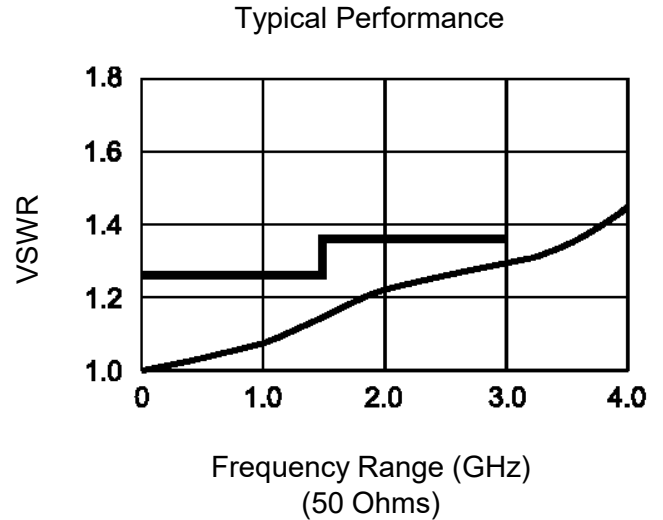


Technical Specifications

Model: CD0ZGBT01
Legacy Model: PPC250-250BG

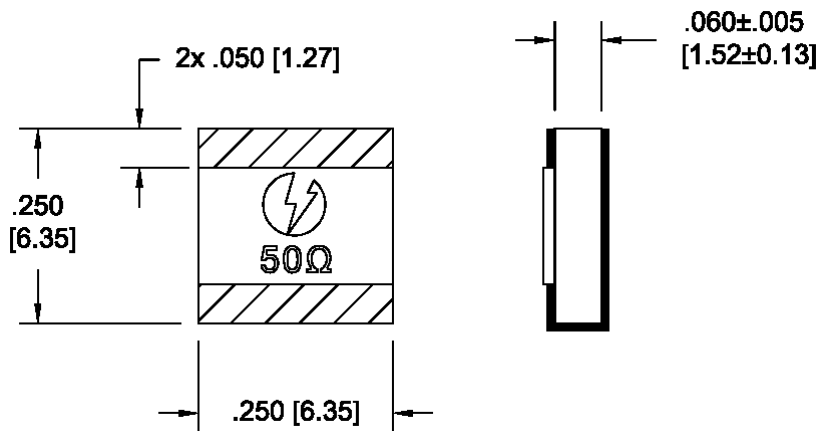
Parameter	Value
Electrical	
Frequency Range	DC – 3 GHz
Impedance	50 \pm 5% Ohms (standard)
Power (C/W)*	80 Watts Average <i>Derated linearity to 0 watt @ +150°C</i>
VSWR (50 Ohm only)	
DC – 1.5 GHz	1.25:1 max.
1.5 – 3.0 GHz	1.35:1 max.
Operating Temp. Range	-55°C to +150°C
Mechanical	
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Terminal Finish	Silver (standard) <i>see How to Order for tinning options</i>
Terminal Type	One end wrap around



* Mounting surface shall not exceed 100°C max.

Model Number: CD00GBT0150R0J shown

Tolerance: .XXX = \pm .010



*Dimensions in brackets are expressed in millimeters and are for reference only.

**Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.

How To Order

CD0ZGBT01XXXXY

Terminal Options
 0 = Silver
 T = Tin Lead Solder
 H = Lead Free Solder

Tolerance
 G = \pm 2%
 J = \pm 5%

Ohm Value
 50R0 = 50 Ohms
 1000 = 100 Ohms
 (Other values available)

Ordering Examples:

Model Number: CD00GBT011000J
 100 Ohms, \pm 5%, Gold terminal

Model Number: CD0TGBT0150R0G
 50 Ohms, \pm 2%, tinned