

Technical Specifications

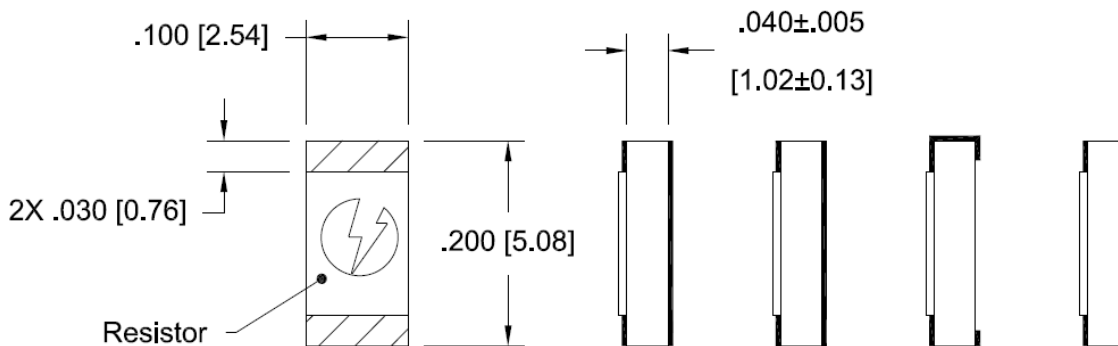
Model: CD0ZZAL01
Legacy Model: PPC100-200A

Parameter	Value
Electrical	
Frequency Range	DC – 4 GHz
Resistance/Impedance	50 ±5% Ohms (standard)
Power Handling*	Up to 65 Watts (see table)
VSWR (DC -2 GHz)**	1.35:1 max.
Mechanical	
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Terminal Finish	Silver (See how to order for tinning options)

*Refer to table for mounting configuration variations.

**Mounting surface shall not exceed 100°C max.

Model Number: CD00XAL0150R0J shown



		Type X	Type G	Type W	Type S
VSWR (@ 2 GHz) max.		1.35:1	1.35:1	-	-
Average Power**	Resistor side up	65 Watts	65 Watts	15 Watts	25 Watts
	Resistor side down	-	-	10 Watts	10 Watts

How To Order

CD0ZZAL01XXXXY

 Terminal Type
 G = One end wrap around
 X = No wrap
 W = Both ends wrap around
 S = Backside blank

 Tolerance
 F = 1%
 G = ±2%
 J = ±5%

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

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

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

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

Ordering Examples:

 Model Number: CD00XAL011000J
 100 Ohms, ±5%, Gold terminal, no wrap

 Model Number: CD0TGAL0150R0G
 50 Ohms, ±2%, tinned, one end wrap around