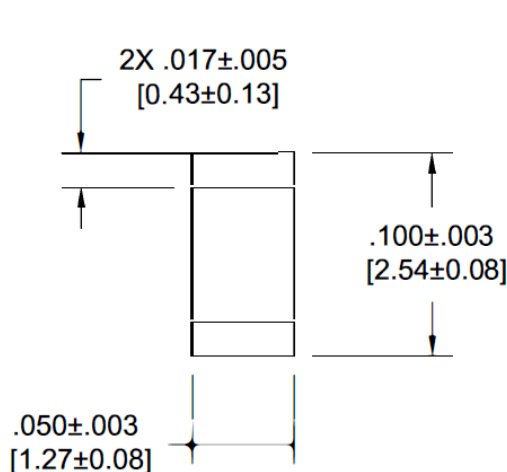


Model: CJ00ZBR01
Legacy Model: NPC50-100
Technical Specifications

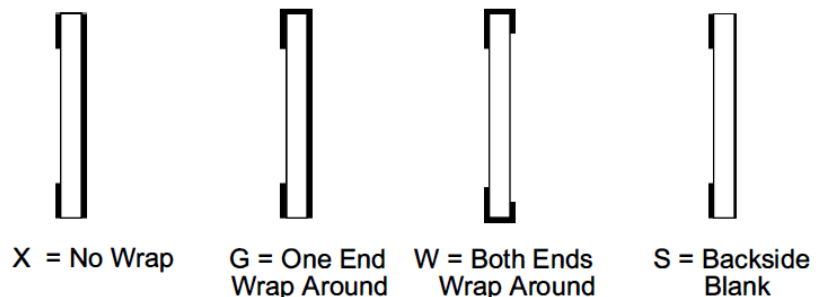
Parameter	Value
Electrical	
Frequency Range	DC – 4 GHz
Ohm Values	50 & 100 Ohms
Power (C/W)* Type X, G & S Terminals Type W Terminal	10 Watts 1 Watts
VSWR	1.25:1 max.
Temperature Range Operating Non-operating	-55°C to +150°C -65°C to +150°C

Parameter	Value
Mechanical	
Substrate	Beryllium Oxide Ceramic
Resistor Material	Tantalum Nitride
Terminal Finish	Gold <i>See How to Order for tinning and other options</i>

* Based on maximum film temperature of +150°C and with maximum heatsink temperature of +100°C. Power rating based on chip mounted resistor side up on infinite and ideal heatsink.

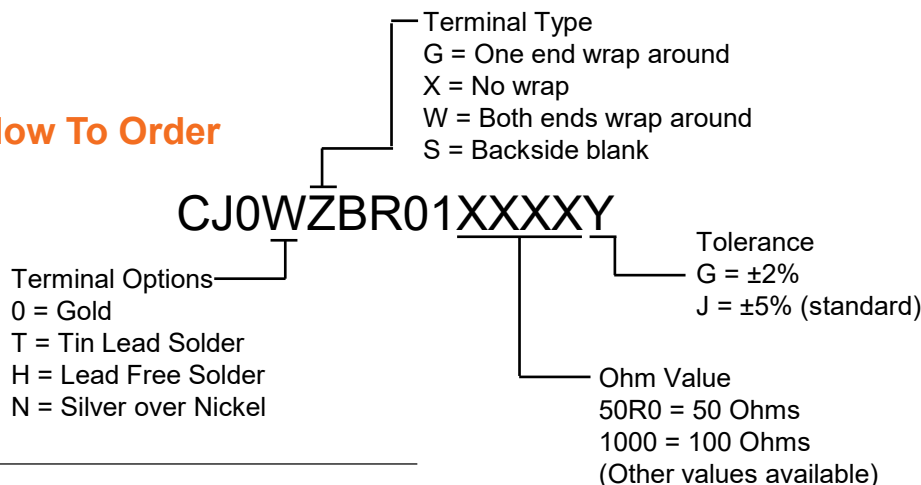
Model Number: CJ00XBR01XXXXY shown


.010±.003
[0.25±0.08]



*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.

How To Order

Ordering Example:

Model Number: CJ00XBR011000J
 100 Ohms, ±5%, Gold terminal, no wrap

Model Number: CJ0TGBR0150R0G
 50 Ohms, ±2%, tinned, one end wraparound