

**Model: CJ00ZCB01**
*Legacy Model: NPC50-50*

## Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	DC – 10 GHz
Ohm Values	50 & 100 Ohms
Power (C/W)* Type X, G & S Terminals Type W Terminal	5 Watts 0.5 Watts
VSWR	1.25:1 max.
Temperature Range Operating Non-operating	-55°C to +150°C -65°C to +150°C

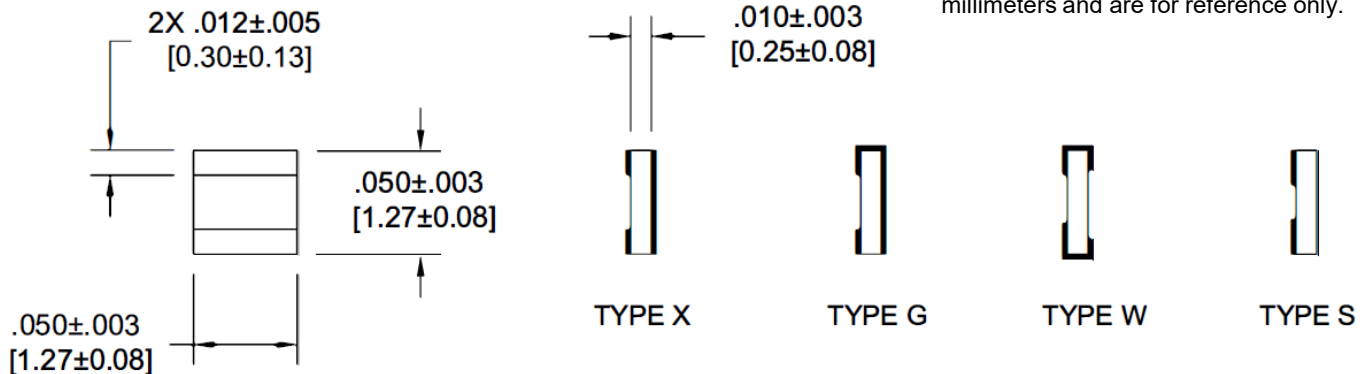
Parameter	Value
<i>Mechanical</i>	
Substrate	Beryllium Oxide Ceramic
Resistor Material	Tantalum Nitride
Terminal Finish	Gold <i>See How to Order for tinning and other options</i>

\* 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.

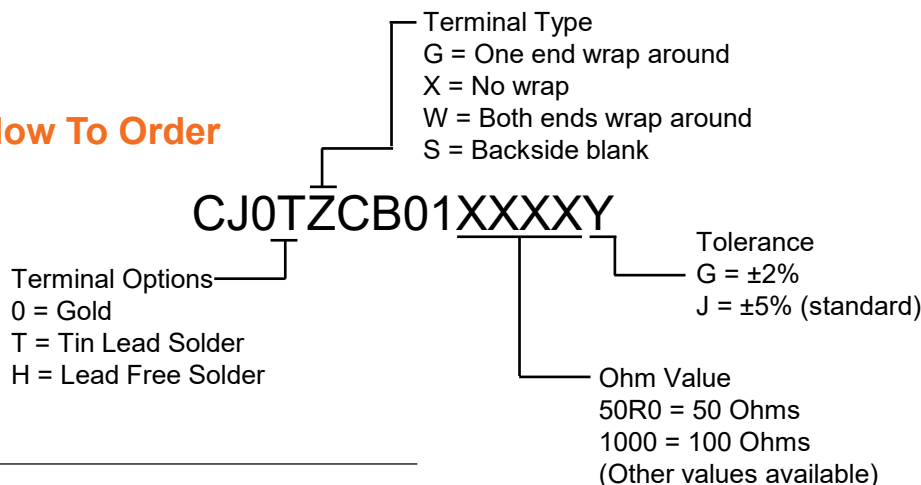
**Model Number: CJ00XCB0150R0J shown**

\*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: CJ00XCB011000J  
 100 Ohms, ±5%, Gold terminal, no wrap

Model Number: CJ0TGCB0150R0G  
 50 Ohms, ±2%, tinned, one end wraparound