

# RESISTOR/TERMINATION CHIP

## DC - 6 GHz HIGH POWER



MODELS: PPC50-100D SERIES

### SPECIFICATIONS:

*Electrical:*

Frequency Range \_\_\_\_\_ DC - 6 GHz  
 Ohm Values \_\_\_\_\_ 50 & 100 ±5% Standard\*  
 Power Handling\*\*  
 Type 'X' & 'G' Terminals \_\_\_\_\_ 10 Watts  
 Type 'W' Terminals \_\_\_\_\_ 2 Watts  
 Type 'S' Terminals \_\_\_\_\_ 10 Watts  
 VSWR (DC-2 GHz) \_\_\_\_\_ 1.25:1 Max. (50 Ohms)

*Mechanical:*

Substrate \_\_\_\_\_ Beryllium Oxide  
 Resistor Material \_\_\_\_\_ Proprietary Thin Film  
 Solderable Terminal Finish \_\_\_\_\_ Silver  
 See "How to Order" for Tinning and other options

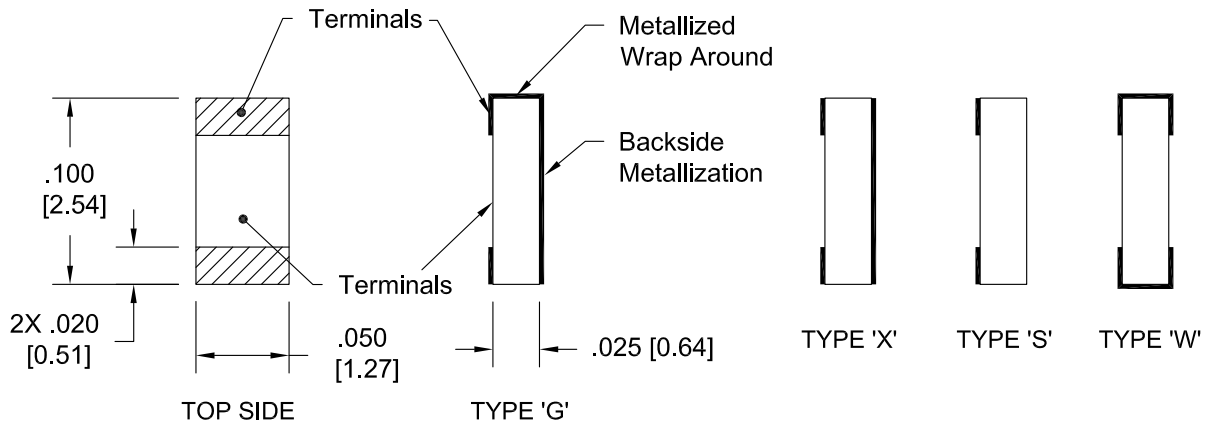
\*Other Ohm Values Available upon request

\*\*Mounting Surface Shall not Exceed 100°C Max.



Model Number: PPC50-100DG-XXXXY Shown

Tolerance: .XXX = ±.005



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

### HOW TO ORDER

Terminal Options  
 = Silver  
 T = Tin Lead  
 H = Lead Free Tin  
 G = Gold Plated

Terminal Type  
 G = One End Wrap Around; Backside Metallization  
 X = No Wrap Around; Backside Metallization  
 W = Both Ends Wrap Around  
 S = No Wrap Around; No Backside Metallization

Model Number: PPCT50-100DG-XXXXY

Ohm Value  
 50R0 = 50 Ohms  
 1000 = 100 Ohms  
 (Other Values Available)

Tolerance  
 G = 2%  
 J = 5%

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.