

RESISTOR, TERMINATION CHIP

DC - 1.0 GHz HIGH POWER



MODELS: PPC250-375A SERIES

SPECIFICATIONS:

Electrical:

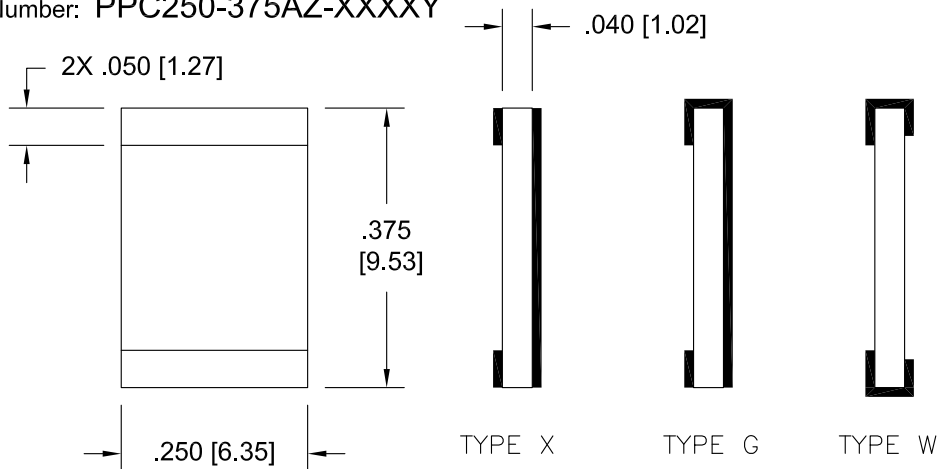
Frequency Range _____ DC - 1.0 GHz
 Standard Ohm Values _____ 50 & 100 Ohms
 (Type "G" Terminal available in 50 Ohms only)
 Capacitance _____ 3.5 pF
****Power (C/W)**
 Type "X" & "G" Terminals _____ 150 Watts
 Type "W" Terminal _____ 15 Watts
 VSWR (Typ. for all 50 ohm Terminations) _____ 1.25:1 Max.
 Thermal Resistance _____ 0.15
 (Measured in °C/W between resistive film
 and Mounting surface.)

Mechanical:

Substrate _____ Beryllium Oxide Ceramic
 Solderable Terminals _____ Electroplated Silver over Nickel
 (See How to Order for Tinning options)

**Based on Maximum film temperature of +150°C and with maximum heatsink temperature of +100°C. Power is based on infinite and ideal heatsink.

Model Number: **PPC250-375AZ-XXXXY**



TOLERANCE:
 .XXX = ± .010

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

HOW TO ORDER:

Model Number: **PPCT250-375AZ-XXXXY**

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

Terminal Type
 X = No Wrap
 G = One end Wrap around
 W = Both ends Wrap around

Tolerance
 G = 2%
 J = 5% (Standard)
 Ohm Value (Other values available)
 50R0 = 50 Ohms
 1000 = 100 Ohms

Ordering Examples:

Model Number: **PPC250-375AX-1000J**
 100 ±5%, Silver Terminal

Model Number: **PPCT250-375AG-50R0G**
 50 ±2%, Tinned, One end wrap around

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.
 Contact factory for technical specifications before purchasing or use.