

RESISTOR, TERMINATION CHIP

DC - 18 GHz HIGH POWER



MODELS: NPC20-40 SERIES

SPECIFICATIONS:

Electrical:

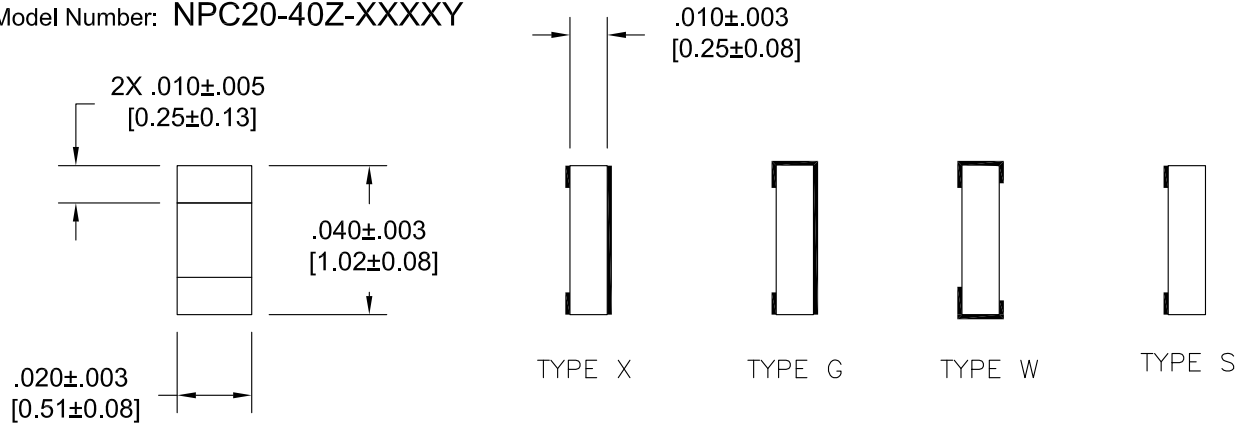
Frequency Range _____ DC - 18 GHz
 Standard Ohm Values _____ 50 & 100 Ohms
 **Power (C/W)
 Type "X" "S" & "G" Terminals _____ 1 Watt
 Type "W" Terminal _____ 0.1 Watts
 VSWR (Typ. for all Terminations) _____ 1.25:1 Max.

Mechanical:

Substrate _____ Beryllium Oxide Ceramic
 Resistor _____ Tantalum Nitride
 Terminal Finish _____ Gold
 (See How to Order for other Terminal options)

**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: NPC20-40Z-XXXXY



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

HOW TO ORDER:

Model Number: NPCT20-40Z-XXXXY

Terminal Options
 = Gold
 T = Tin Lead Solder
 H = Lead Free Solder

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

Tolerance
 G = 2%
 J = 5% (Standard)

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

Ordering Examples:

Model Number: NPC20-40X-1000J
 100 ±5%, Gold Terminal, no wraps

Model Number: NPCT20-40G-50R0G
 50 ±2%, Tinned, One end wraparound

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.