

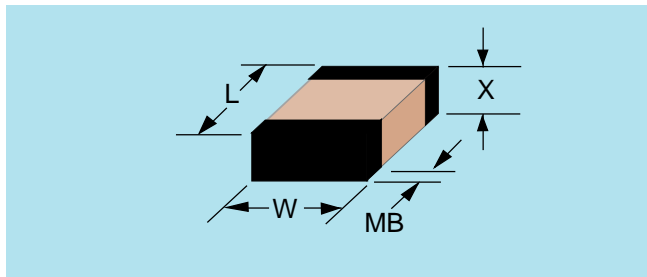
1. SCOPE

This specification covers the characteristics of size 0201, Base Metal X5R dielectric, 0.1 uF capacitance, +/- 10% tolerance, 10 VDC rated ceramic chip capacitors with nickel barrier (90% tin / 10% lead) termination.

2. DIELECTRIC CHARACTERISTICS - X5R (BW)

Operating Temperature Range: -55°C to +85°C
 Temperature Coefficient: +/- 15% Change in capacitance @ 1 Vrms
 Dissipation Factor: 10% Max. @ 25°C
 Insulation Resistance, 25°C: >10 Giga-Ohms
 Dielectric Withstanding Voltage: 25 VDC
 Aging Rate: 5% Typical
 Test Parameters: 1KHz, 1.0 Volts +/- 0.2 Vrms, 25°C

3. PHYSICAL DIMENSIONS (NOT SCALED)



Dimensions	L	W	X	MB
+/- in (mm)	.0015 (0.03)	.0012 (0.03)	Max	.002 (0.05)

4. PART NUMBER DESCRIPTION

0201 BW 104 K 100 Y T

0201 = Size
 BW = X5R Dielectric (Base Metal Electrodes)
 104 = Capacitance Code (pF): First two digits are significant, third digit denotes number of zeros
 K = Capacitance tolerance: K = +/- 10%
 100 = DC Voltage Rating: First two digits are significant, third digit denotes number of zeros
 Y = Termination: Nickel Barrier with 90% Tin / 10% Lead
 T = Packaging: Tape and Reel

REVISION: A

NOVACAP P/N: 0201BW104K100YT
 CUSTOMER:
 CUST. P/N:

SPEC DESIGNER MK 5/25/17
 SPEC MANAGER MK FOR BN 5/25/17
 ENGINEERING MK FOR BN 5/25/17