

Part Number Code

0805 **N** 102 **J** 500 **N** T

Size Code

0402 = .04 X .02" 0603 = .06 X .03"
0805 = .08 X .05" 1206 = .12 X .06"
1210 = .12 X .10" 1808 = .18 X .08"
1812 = .18 X .12" 2220 = .22 X .20"

Dielectric

N (COG) B (X7R)
Y (Y5V) X (X5R)

Capacitance

Value in Pico farads: Two significant figures
Followed by number of zero. 0R5=0.5pF 2R0=2pF 102=1000pF.

Capacitance Tolerance

A = ±0.05pF B = ±0.10pF
C = ±0.25pF D = ±0.50pF (EIA Code)
F = ±1.0% G = ±2.0%
H = ±3.0% J = ±5.0%
K = ±10% M = ±20%
Z = -20%~+80% Tolerances may be restricted by dielectric type.

Voltage

VDC: Two significant figures followed by number of zeros
063 = 6.3 VDC 100 = 10 VDC 160 = 16 VDC 250 = 25 VDC
500 = 50 VDC 101 = 100 VDC 251 = 250 VDC 501 = 500VDC
102 = 1 KVDC 202 = 2 KVDC 302 = 3 KVDC

Termination

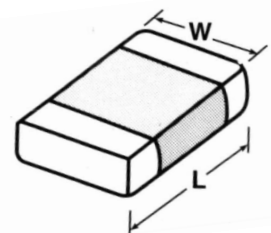
N = Nickel barrier with 100% Tin

Packing Code

B = Bulk in bag
05 = 500/Reel 1= 1K/Reel 2= 2K/Reel 3= 3K/Reel (for plastic tape only)
T= 4K/Reel U= 10K/ Reel V= 15K/ Reel W = 20K/Reel

Dimension : (unit mm)

	0402	0603	0805	1206	1210	1808	1812	2220
L	1.00±0.05	1.60±0.10	2.00±0.20	3.20±0.20	3.20±0.30	4.50±0.30	4.50±0.30	5.70±0.40
W	0.50±0.05	0.80±0.10	1.25±0.20	1.60±0.20	2.50±0.20	2.00±0.20	3.20±0.30	5.00±0.40



Storage

1. Storage condition :To be sure the ambient temperature is 40 Celsius maximum and humidity is 80% Relative Humidity Maximum.
2. Storage environment: Do not store where the soldering quality can be destroyed by harmful gas such as sulfurous gas, chlorine gas, etc.
3. Store period: Should be used within 6 months after unpacking from the original reel or bulk products. Otherwise, check the solder ability before applied.