

## Part Number Code

**0805    N    102    J    500    N    I**

**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**

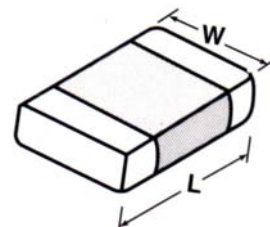
N = Nickel barrier with 100% Tin

**PACKING CODE**

B = Bulk in bag    C = Bulk in Cassette  
 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 = 50K/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

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