

Part Numbering

0805 102 **500**

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 no. of zero. 0R5=0.5pF 2R0=2pF 101=100pF.

CAPACITANCE TOLERANCE

 $A = \pm 0.05 pF$ $B = \pm 0.10pF$ (EIA Code)

 $C = \pm 0.25pF$ $D = \pm 0.50pF$ $= \pm 1.0\%$ $G = \pm 2.0\%$

 $H = \pm 3.0\%$ $J = \pm 5.0\%$ $K = \pm 10\%$ $M = \pm 20\%$

Z = -20% ~+80% Tolerances may be restricted by dielectric type.

VOLTAGE

500 = 50 VDC

VDC: Two significant figures followed by number of zeros

063 = 6.3 VDC100 = 10 VDC160 = 16 VDC 250 = 25 VDC

251 = 250 VDC

101 = 100 VDC 102 = 1 KVDC 202 = 2 KVDC302 = 3 KVDC

TERMINATION

N = Nickel barrier with 100% Tin

PACKING CODE

B = Bulk in Tray

05 = 500/Reel 1= 1K/Reel 3= 3K/Reel (for plastic tape only) 2= 2K/Reel

T= 4K/Reel U= 10K/ Reel V= 15K/ Reel W = 50K/Reel

Dimension: (UNIT mm)

	0402	0603	0805	1206	1210	1808	1812	1825	2220	2211	2225
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	4.50±0.30	5.70±0.40	5.70±0.40	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	6.30±0.40	5.00±0.40	2.80±0.40	6.30±0.40

501 = 500VDC



= Omit if per spec.

= Add thickness code if not standard

