ORDERING CODE

Multilayer Ceramic Chip Capacitors

TRIGON
COMPONENTS

CPH	05	T	104	Z	500	Y
(1)	(2)	(3)	(4)	(5)	(6)	(7)

(1) Chip Capacitor

(2) Size Code
02=0402, 03=0603, 05=0805
06=1206, 08=1808, 10=1210
12=1812, 18=1825, 20=220,
21=2211, 25=2225

(3) Package
T=Tape & Reel (7"/180mm)
V=Tape & Reel (10"/250mm)
W=Tape & Reel (13"/320mm)
P=Plastic & Reel (7"/180mm)

(4) Capacitance Code
Capacitance expressed in PF.
First two digits are significant figures.
Third digit denotes number of zeros.
Use R for decimal point for values less than 10 pF.
e.g.: 8R2 : 8.2 pF, 101 : 100 pF
223 : 22 nF or 0.022 uF, 104 : 100 nF or 0.1 uF

(5) Tolerance Code

Code	Tolerance	Code	Tolerance	Code	Tolerance
B	±0.10pF	F	±1%	K	±10%
C	±0.25pF	G	±2%	M	±20%
D	±0.50pF	J	±5%	Z	+80% -20%

(6) Rated Voltage Code
General Purpose: 2 significant digits + number of zeros. Use R for decimal point.
6R3: 6.3V, 8R0: 8.0V, 250: 25V, 500: 50V, 101: 100V, 501: 500V, 102: 1000V, 202: 2000V
Safty Recognized
1Y2: X1Y2, 2Y3: X2Y3

(7) Dilectric Code:
N: NPO / COG (1BCG), X: X7R (2R1), Y: Y5V (2F4), Z: Z5U (2E6), R=X5R