

Series Code	Size Code	Tolerance Code	Packing Code	TC Code	Voltage Code	Termination Code	Process Code	Capacitance Code
CC	0402	K	R	X7R	8	B	B	102
CC = MLCC CA = 4 x capacitor array CL = Low inductance CH = High frequency SC = Safety certification AC = Automotive grade CS = Soft termination	0201 0402 0603 0805 1206 1210 1808 1812 0306 0508 0612	B = ± 0.1 pF C = ± 0.25 pF D = ± 0.5 pF F = ± 1% G = ± 2% J = ± 5% K = ± 10% M = ± 20% Z = -20% to +80%	R = 7" Paper/PE tape reel P = 13" Paper/PE tape reel K = 7" plastic tape reel F = 13" plastic tape reel C = Bulk case	NP0 X5R X7R Y5V	5 = 6.3 V 6 = 10 V 7 = 16 V 8 = 25 V 9 = 50 V 0 = 100 V A = 200 V B = 500 V C = 1kV D = 2kV E = 3kV G = 35 V S = 2.5 kV T = X2/Y3 for TUV/UL (3 kV) W = X1/Y2 for TUV/UL (4 kV) U = X1/Y2 for TUV/UL (5 kV) Y = 250 V Z = 630 V	B = Ni-Barrier	N - NP0 B = Class 2 products	0 = x 1 1 = x 10 ¹ 2 = x 10 ² 3 = x 10 ³ 4 = x 10 ⁴ 5 = x 10 ⁵ 6 = x 10 ⁶ 7 = x 10 ⁷ R47 = 0.47 pF 4R7 = 4.7 pF 101 = 100 pF 104 = 0.1 uF 105 = 1 uF 226 = 22 uF