

Series Code	Size Code	Tolerance Code	Packing Code	TC Code	Voltage Code	Termination Code	Process Code	Capacitance Code
<b>CC</b>	<b>0402</b>	<b>K</b>	<b>R</b>	<b>X7R</b>	<b>8</b>	<b>B</b>	<b>B</b>	<b>102</b>
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 = $\pm 0.1$ pF C = $\pm 0.25$ pF D = $\pm 0.5$ pF F = $\pm 1\%$ G = $\pm 2\%$ J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$ 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 <sup>1</sup> 2 = x 10 <sup>2</sup> 3 = x 10 <sup>3</sup> 4 = x 10 <sup>4</sup> 5 = x 10 <sup>5</sup> 6 = x 10 <sup>6</sup> 7 = x 10 <sup>7</sup> R47 = 0.47 pF 4R7 = 4.7 pF 101 = 100 pF 104 = 0.1 uF 105 = 1 uF 226 = 22 uF

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