



MLCC Engineering Design Kits

Sample kits for all sizes, all types, E1 series only

All sizes, all types, E1 series only								
General purpose & High capacitance								
0402	NP0 50 V		X7R 50 V		X7R 16 V		Y5V 16 V	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
	1	±0.25 pF	100	±10%	10 000	±10%	100 000	±20%
	10	±5%	1 000	±10%				
	100	±5%						
0603	NP0 50 V		X7R 50 V		X7R 16 V		Y5V 10 V	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
	1	±0.25 pF	100	±10%	100 000	±10%	1 000 000	-20% to +80%
	10	±5%	1 000	±10%				
	100	±5%	10 000	±10%				
0805	NP0 50 V		X7R 50 V		X7R 10 V		Y5V 10 V	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
	1	±0.25 pF	1 000	±10%	1 000 000	±10%	4 700 000	-20% to +80%
	10	±5%	10 000	±10%				
	100	±5%	100 000	±10%				
	1 000	±5%						
1206	NP0 50 V		X7R 50 V		X7R 16 V		Y5V 10 V	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
	1	±0.25 pF	1 000	±10%	1 000 000	±10%	10 000 000	-20% to +80%
	10	±5%	10 000	±10%				
	100	±5%	100 000	±10%				
	1 000	±5%						

Microwave		
Size	NP0 50 V	
	Capacitance (pF)	Tolerance
0603	1	±0.25 pF
0805	10	±5%
1206	100	±5%

Array (4 x 0603)						
Size	NP0 50 V		X7R 25 V		X7R 16 V	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
0612	100	±5%	10 000	±10%	100 000	±10%
	1 000	±5%				

High voltage				
Size	NP0 3 kV		X7R 1 kV	
	Capacitance (pF)	Tolerance	Capacitance (pF)	Tolerance
1808	10	±5%		
1812	100	±5%	10 000	±10%

Note: 48 pieces per value (95 pieces for 0402 and 25 pieces for 1812). Ordering code 432204500581 for Phycomp brand product, CC99990000000000 for Yageo brand product

