



Capacitance Range (X7R Dielectric 200V to 630V)

Dielectric	X7R			
	0805		1206	
Size				
Rated Voltage (V dc)	200 (V)	630 (V)	200 (V)	630 (V)
0.18µF (184)	-	-	-	-
0.22µF (224)	-	-	-	-
0.27µF (274)	-	-	-	-
0.33µF (334)	-	-	-	-
0.39µF (394)	-	-	-	-
0.47µF (474)	-	-	-	-

1. The letter in cell is expressed the symbol of product thickness.
2. The letter in cell with "A" mark is expressed product with Ag/Ni/Sn terminators.

Capacitance Range (NP0 Dielectric 200V to 630V)

Dielectric	NP0		
	0805	1206	
Size			
Rated Voltage (V dc)	200 (V)	200 (V)	630 (V)
0.5pF (0R5)	A	-	-
1.0pF (1R0)		-	-
1.2pF (1R2)		-	-
1.5pF (1R5)		B	B
1.8pF (1R8)			
2.2pF (2R2)			
2.7pF (2R7)			
3.3pF (3R3)			
3.9pF (3R9)			

Dimensions Table

Size	Thickness (mm)/Symbol	
0805 (2012)	0.60 ±1.0	A
	0.80 ±0.10	B
	1.25 ±0.10	D
1206 (3216)	0.80 ±0.10	B
	0.95 ±0.10	C
	1.25 ±0.10	D
	1.60 ±0.20	G

Dimensions : Millimetres

Capacitance Range (NP0 Dielectric 200V to 630V)

Dielectric	NP0				
	0805	1206			
Size	200 (V)	200 (V)	630 (V)		
Rated Voltage (V dc)	200 (V)	200 (V)	630 (V)		
4.7pF (4R7)	A	B	B		
5.6pF (5R6)					
6.8pF (6R8)					
8.2pF (8R2)					
10pF (100)					
12pF (120)					
15pF (150)					
18pF (180)					
22pF (220)					
27pF (270)					
33pF (330)					
39pF (390)					
47pF (470)					
56pF (560)					
68pF (680)					
82pF (820)					
100pF (101)					
120pF (121)					
150pF (151)	B				
180pF (181)					
220pF (221)	D				
270pF (271)					
330pF (331)					
390pF (391)					
470pF (471)					
560pF (561)				C	C
680pF (681)					D
820pF (821)					G
1000pF (102)	-	-	-		
1200pF (122)					
1500pF (152)					
1800pF (182)					
2200pF (222)					
2700pF (272)					
3300pF (392)					
3900pF (392)					
4700pF (472)					
5600pF (562)					
6800pF (682)					

Capacitance Range (X7R Dielectric 200V to 630V)

Dielectric	X7R			
	0805		1206	
Size				
Rated Voltage (V dc)	200 (V)	630 (V)	200 (V)	630 (V)
100pF (101)			-	-
120pF (121)			-	-
150pF (151)				
180pF (181)				
220pF (221)				
270pF (271)				
330pF (331)				
390pF (391)				
470pF (471)				
560pF (561)				
680pF (681)	B	B [^]		
820pF (821)				
1000pF (102)				
1200pF (122)				
1500pF (152)				
1800pF (182)			D	D [^]
2200pF (222)				
2700pF (272)				
3300pF (332)				
3900pF (392)		-		
4700pF (472)		-		
5600pF (562)		-		
6800pF (682)		-		
8200pF (822)		-		
0.010μF (103)		-		
0.012μF (123)	D	-		
0.015μF (153)		-		
0.018μF (183)		-		
0.022μF (223)		-		
0.027μF (273)	-	-		G [^]
0.033μF (333)	-	-	-	
0.039μF (393)	-	-	-	-
0.047μF (473)	-	-	-	-
0.056μF (563)	-	-	-	-
0.068μF (683)	-	-	-	-
0.082μF (823)	-	-	-	-
0.10μF (104)	-	-	-	-
0.12μF (124)	-	-	-	-
0.15μF (154)	-	-	-	-

1. The letter in cell is expressed the symbol of product thickness.

Specification Table

Description	Dielectric	Size	Rated Voltage (V dc)	Capacitance (pF)	Part Number
MLCC, 0805, NP0, 200V, 15pF	NP0	0805	200	15 (150)	MCCA000606
MLCC, 0805, NP0, 200V, 22pF				22 (220)	MCCA000607
MLCC, 0805, NP0, 200V, 33pF				33 (330)	MCCA000608
MLCC, 0805, NP0, 200V, 47pF				47 (470)	MCCA000609
MLCC, 0805, NP0, 200V, 68pF				68 (680)	MCCA000610
MLCC, 0805, NP0, 200V, 100pF				100 (101)	MCCA000611
MLCC, 0805, NP0, 200V, 150pF				150 (151)	MCCA000612
MLCC, 0805, X7R, 200V, 220pF	X7R			220 (221)	MCCA000613
MLCC, 0805, NP0, 200V, 220pF	NP0				
MLCC, 0805, X7R, 200V, 330pF	X7R			330 (331)	MCCA000615
MLCC, 0805, NP0, 200V, 330pF	NP0				MCCA000616
MLCC, 0805, X7R, 200V, 470pF	X7R			470 (471)	MCCA000617
MLCC, 0805, X7R, 200V, 680pF				680 (681)	MCCA000618
MLCC, 0805, X7R, 200V, 1nF				1,000 (102)	MCCA000619
MLCC, 0805, X7R, 200V, 1.5nF		1,500 (152)	MCCA000620		
MLCC, 0805, X7R, 200V, 2.2nF		2,200 (222)	MCCA000621		
MLCC, 0805, X7R, 200V, 3.3nF		3,300 (332)	MCCA000622		
MLCC, 0805, X7R, 200V, 4.7nF		4,700 (472)	MCCA000623		
MLCC, 0805, X7R, 200V, 6.8nF		6,800 (682)	MCCA000624		
MLCC, 0805, X7R, 200V, 10nF		10,000 (103)	MCCA000625		
MLCC, 1206, NP0, 200V, 1nF		NP0	1206	1,000 (102)	MCCA000626

Dimensions : Inches (Millimetres)

Specification Table

Description	Dielectric	Size	Rated Voltage (V dc)	Capacitance (pF)	Part Number
MLCC, 1206, X7R, 200V, 15nF	X7R	1206	200	1,500 (152)	MCCA000627
MLCC, 1206, X7R, 200V, 22nF				2,200 (222)	MCCA000628
MLCC, 1206, NP0, 630V, 100pF	NP0		630	100 (101)	MCCA000629
MLCC, 1206, X7R, 630V, 1nF	X7R			1,000 (102)	MCCA000630
MLCC, 1206, X7R, 630V, 2.2nF				2,200 (222)	MCCA000631
MLCC, 1206, X7R, 630V, 4.7nF				4700 (472)	MCCA000632
MLCC, 1206, X7R, 630V, 10nF				10,000 (103)	MCCA000633

Dimensions : Inches (Millimetres)

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