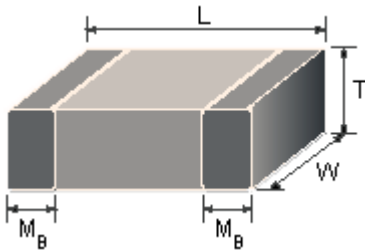


Soft Terminal MLCC

Soft Termination Capacitors



Dimensions Table



Size	L (mm)	W (mm)	Thickness (mm) / Symbol		Remark	MB (mm)
0603 (1608)	1.6 ±0.2	0.8 ±0.1	0.8 ±0.07	S	-	0.4 ±0.15
	1.6 +0.2 / -0.1	0.8 +0.15 / -0.1	0.8 ±0.15 / -0.1	X	-	
0805 (2012)	2 ±0.15	1.25 ±0.1	0.5 ±0.1	H	-	0.5 ±0.2
			0.6 ±0.1	A	-	
			0.8 ±0.1	B	-	
			1.25 ±0.1	D	#	
	2 ±0.2	1.25 ±0.2	0.85 ±0.1	T	-	
			1.25 ±0.2	I	#	
1206 (3216)	3.2 ±0.15	1.6 ±0.15	0.8 ±0.1	B	-	0.6 ±0.2
			0.95 ±0.1	C	#	
			1.25 ±0.1	D	#	
			1.15 ±0.15	J	#	
	3.2 ±0.2	1.6 ±0.2	1.6 ±0.2	G	#	
			0.85 ±0.1	T	-	
	3.2 +0.3 / -0.1	1.6 +0.3 / -0.1	1.6 +0.3 / -0.1	P	#	

Dimensions : Millimetres

Reflow soldering only is recommended

* For safety certificated products and soft termination product please refer to individual sheet for detail

Constructions

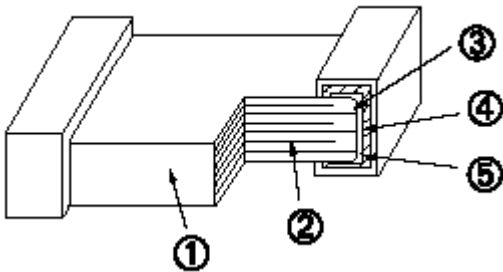


Fig 1. Construction of MLCC

No	Name		X7R	X7R
1	Ceramic material		BaTiO3 based	
2	Inner electrode		AgPd alloy	Ni
3		Inner layer	Ag	Cu
4	Termination	Middle layer	Ni	
5	1	Outer layer	Sn (Matt)	

Storage and Handling Conditions

(1) To store products at 5 to 40°C ambient temperature and 20 to 70% related humidity conditions

(2) The product is recommended to be used within 6 months after shipment. Check solderability in case of shelf life extension is needed

Cautions

- a. Don't store products in a corrosive environment such as sulphide, chloride gas, or acid. It may cause oxidization of electrode, which easily be resulted in poor soldering
- b. To store products on the shelf and avoid exposure to moisture
- c. Don't expose products to excessive shock, vibration, direct sunlight and so on

Soft Terminal MLCC



Capacitance Range (X7R Dielectric 10 to 100 V):

Dielectric		X7R														
Size		0603					0805					1206				
Rated Voltage		10	16	25	50	100	10	16	25	50	100	10	16	25	50	100
Capacitance	100 pF (101)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	-	-	-	-	-
	150 pF (151)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	220 pF (221)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	330 pF (331)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	470 pF (471)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	680 pF (681)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	1,000 pF (102)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	1,500 pF (152)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	2,200 pF (222)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	3,300 pF (332)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	4,700 pF (472)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	6,800 pF (682)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	0.01 μ F (103)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	0.015 μ F (153)	S	S	S	S	-	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D	B/D
	0.022 μ F (223)	S	S	S	S	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.033 μ F (333)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.047 μ F (473)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.068 μ F (683)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.1 μ F (104)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	D
	0.15 μ F (154)	S	S	X	-	-	D	D	D	-	-	C	C	C	C	G
0.22 μ F (224)	S	S	X	-	-	D	D	D	-	-	C	C	C	C	G	
0.33 μ F (334)	X	X	X	-	-	-	-	-	-	-	C	C	C	D	-	
0.47 μ F (474)	X	X	X	-	-	-	-	-	-	-	J	J	J	P	-	
0.68 μ F (684)	X	X	-	-	-	-	-	-	-	-	J	J	J	P	-	
1 μ F (105)	X	X	-	-	-	-	-	-	-	-	J	J	J	P	-	

Soft Terminal MLCC



Specification Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number		
Capacitor, 0603, X7R, 10 V, 100 pF	0603 (1608)	X7R	100 pF	±10%	10 V	Cu / Ni / Sn	MCCA001104		
Capacitor, 0603, X7R, 10 V, 150 pF			150 pF				MCCA001105		
Capacitor, 0603, X7R, 10 V, 220 pF			220 pF				MCCA001106		
Capacitor, 0603, X7R, 10 V, 330 pF			330 pF				MCCA001107		
Capacitor, 0603, X7R, 10 V, 470 pF			470 pF				MCCA001108		
Capacitor, 0603, X7R, 10 V, 680 pF			680 pF				MCCA001109		
Capacitor, 0603, X7R, 10 V, 1 nF			1 nF				MCCA001110		
Capacitor, 0603, X7R, 10 V, 1.5 nF			1.5 nF				MCCA001111		
Capacitor, 0603, X7R, 10 V, 2.2 nF			2.2 nF				MCCA001112		
Capacitor, 0603, X7R, 10 V, 3.3 nF			3.3 nF				MCCA001113		
Capacitor, 0603, X7R, 10 V, 4.7 nF			4.7 nF				MCCA001114		
Capacitor, 0603, X7R, 10 V, 6.8 nF			6.8 nF				MCCA001115		
Capacitor, 0603, X7R, 10 V, 10 nF			10 nF				MCCA001116		
Capacitor, 0603, X7R, 10 V, 15 nF			15 nF				MCCA001117		
Capacitor, 0603, X7R, 10 V, 22 nF			22 nF				MCCA001118		
Capacitor, 0603, X7R, 10 V, 33 nF			33 nF				MCCA001119		
Capacitor, 0603, X7R, 10 V, 47 nF			47 nF				MCCA001120		
Capacitor, 0603, X7R, 10 V, 68 nF			68 nF				MCCA001121		
Capacitor, 0603, X7R, 10 V, 100 nF			100 nF		MCCA001122				
Capacitor, 0603, X7R, 10 V, 150 nF			150 nF		MCCA001123				
Capacitor, 0603, X7R, 10 V, 220 nF			220 nF		MCCA001124				
Capacitor, 0603, X7R, 10 V, 330 nF			330 nF		MCCA001125				
Capacitor, 0603, X7R, 10 V, 470 nF			470 nF		MCCA001126				
Capacitor, 0603, X7R, 10 V, 680 nF			680 nF		MCCA001127				
Capacitor, 0603, X7R, 16 V, 100 pF							100 pF	16 V	MCCA001129
Capacitor, 0603, X7R, 16 V, 150 pF							150 pF		MCCA001130
Capacitor, 0603, X7R, 16 V, 220 pF							220 pF		MCCA001131
Capacitor, 0603, X7R, 16 V, 330 pF							330 pF		MCCA001132
Capacitor, 0603, X7R, 16 V, 470 pF							470 pF		MCCA001133
Capacitor, 0603, X7R, 16 V, 680 pF							680 pF		MCCA001134
Capacitor, 0603, X7R, 16 V, 1 nF							1 nF		MCCA001135
Capacitor, 0603, X7R, 16 V, 1.5 nF							1.5 nF		MCCA001136
Capacitor, 0603, X7R, 16 V, 2.2 nF							2.2 nF		MCCA001137
Capacitor, 0603, X7R, 16 V, 3.3 nF			3.3 nF	MCCA001138					

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 0603, X7R, 16 V, 4.7 nF	0603 (1608)	X7R	4.7 nF	±10%	16 V	Cu / Ni / Sn	MCCA001139
Capacitor, 0603, X7R, 16 V, 6.8 nF			6.8 nF				MCCA001140
Capacitor, 0603, X7R, 16 V, 10 nF			10 nF				MCCA001141
Capacitor, 0603, X7R, 16 V, 15 nF			15 nF				MCCA001142
Capacitor, 0603, X7R, 16 V, 22 nF			22 nF				MCCA001143
Capacitor, 0603, X7R, 16 V, 33 nF			33 nF				MCCA001144
Capacitor, 0603, X7R, 16 V, 47 nF			47 nF				MCCA001145
Capacitor, 0603, X7R, 16 V, 68 nF			68 nF				MCCA001146
Capacitor, 0603, X7R, 16 V, 100 nF			100 nF				MCCA001147
Capacitor, 0603, X7R, 16 V, 150 nF			150 nF				MCCA001148
Capacitor, 0603, X7R, 16 V, 220 nF			220 nF				MCCA001149
Capacitor, 0603, X7R, 16 V, 330 nF			330 nF				MCCA001150
Capacitor, 0603, X7R, 16 V, 470 nF			470 nF				MCCA001151
Capacitor, 0603, X7R, 25 V, 100 pF			100 pF				MCCA001152
Capacitor, 0603, X7R, 25 V, 150 pF			150 pF				MCCA001153
Capacitor, 0603, X7R, 25 V, 220 pF			220 pF		MCCA001154		
Capacitor, 0603, X7R, 25 V, 330 pF			330 pF		MCCA001155		
Capacitor, 0603, X7R, 25 V, 470 pF			470 pF		MCCA001156		
Capacitor, 0603, X7R, 25 V, 680 pF			680 pF		MCCA001157		
Capacitor, 0603, X7R, 25 V, 1 nF			1 nF		MCCA001158		
Capacitor, 0603, X7R, 25 V, 1.5 nF			1.5 nF		MCCA001159		
Capacitor, 0603, X7R, 25 V, 2.2 nF			2.2 nF		MCCA001160		
Capacitor, 0603, X7R, 25 V, 3.3 nF			3.3 nF		MCCA001161		
Capacitor, 0603, X7R, 25 V, 4.7 nF			4.7 nF		MCCA001162		
Capacitor, 0603, X7R, 25 V, 6.8 nF			6.8 nF		MCCA001163		
Capacitor, 0603, X7R, 25 V, 10 nF			10 nF		MCCA001164		
Capacitor, 0603, X7R, 25 V, 15 nF			15 nF		MCCA001165		
Capacitor, 0603, X7R, 25 V, 22 nF			22 nF		MCCA001166		
Capacitor, 0603, X7R, 25 V, 33 nF			33 nF		MCCA001167		
Capacitor, 0603, X7R, 25 V, 47 nF			47 nF		MCCA001168		
Capacitor, 0603, X7R, 25 V, 68 nF			68 nF		MCCA001169		
Capacitor, 0603, X7R, 25 V, 100 nF			100 nF		MCCA001170		
Capacitor, 0603, X7R, 25 V, 150 nF			150 nF		MCCA001171		
Capacitor, 0603, X7R, 25 V, 220 nF	220 nF	MCCA001172					

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 0603, X7R, 25 V, 330 nF	0603 (1608)	X7R	330 nF		25 V	Cu / Ni / Sn	MCCA001173
Capacitor, 0603, X7R, 25 V, 470 nF			470 nF				MCCA001174
Capacitor, 0603, X7R, 50 V, 100 pF			100 pF				MCCA001175
Capacitor, 0603, X7R, 50 V, 150 pF			150 pF				MCCA001176
Capacitor, 0603, X7R, 50 V, 220 pF			220 pF				MCCA001177
Capacitor, 0603, X7R, 50 V, 330 pF			330 pF				MCCA001178
Capacitor, 0603, X7R, 50 V, 470 pF			470 pF				MCCA001179
Capacitor, 0603, X7R, 50 V, 680 pF			680 pF				MCCA001180
Capacitor, 0603, X7R, 50 V, 1 nF			1 nF				MCCA001181
Capacitor, 0603, X7R, 50 V, 1.5 nF			1.5 nF		MCCA001182		
Capacitor, 0603, X7R, 50 V, 2.2 nF			2.2 nF		MCCA001183		
Capacitor, 0603, X7R, 50 V, 3.3 nF			3.3 nF		MCCA001184		
Capacitor, 0603, X7R, 50 V, 4.7 nF			4.7 nF		MCCA001185		
Capacitor, 0603, X7R, 50 V, 6.8 nF			6.8 nF		MCCA001186		
Capacitor, 0603, X7R, 50 V, 10 nF			10 nF		MCCA001187		
Capacitor, 0603, X7R, 50 V, 15 nF			15 nF		MCCA001188		
Capacitor, 0603, X7R, 50 V, 22 nF			22 nF		MCCA001189		
Capacitor, 0603, X7R, 50 V, 33 nF			33 nF		MCCA001190		
Capacitor, 0603, X7R, 50 V, 47 nF			47 nF		MCCA001191		
Capacitor, 0603, X7R, 50 V, 68 nF			68 nF		MCCA001192		
Capacitor, 0603, X7R, 50 V, 100 nF			100 nF		MCCA001193		
Capacitor, 0603, X7R, 100 V, 100 pF			100 pF		MCCA001194		
Capacitor, 0603, X7R, 100 V, 150 pF			150 pF		MCCA001195		
Capacitor, 0603, X7R, 100 V, 220 pF			220 pF		MCCA001196		
Capacitor, 0603, X7R, 100 V, 330 pF			330 pF		MCCA001197		
Capacitor, 0603, X7R, 100 V, 470 pF			470 pF		MCCA001198		
Capacitor, 0603, X7R, 100 V, 680 pF			680 pF		MCCA001199		
Capacitor, 0603, X7R, 100 V, 1 nF			1 nF		MCCA001200		
Capacitor, 0603, X7R, 100 V, 1.5 nF			1.5 nF		MCCA001201		
Capacitor, 0603, X7R, 100 V, 2.2 nF			2.2 nF		MCCA001202		
Capacitor, 0603, X7R, 100 V, 3.3 nF			3.3 nF		MCCA001203		
Capacitor, 0603, X7R, 100 V, 4.7 nF			4.7 nF		MCCA001204		
Capacitor, 0603, X7R, 100 V, 6.8 nF			6.8 nF		MCCA001205		
Capacitor, 0603, X7R, 100 V, 10 nF	10 nF	MCCA001206					
Capacitor, 0805, X7R, 10 V, 100 pF	0805 (2012)		100 pF		10 V		MCCA001207
Capacitor, 0805, X7R, 10 V, 150 pF			150 pF				MCCA001208
Capacitor, 0805, X7R, 10 V, 220 pF			220 pF				MCCA001209
Capacitor, 0805, X7R, 10 V, 330 pF			330 pF				MCCA001210

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 0805, X7R, 10 V, 470 pF	0805 (2012)	X7R	470 pF	±10%	10 V	Cu / Ni / Sn	MCCA001211
Capacitor, 0805, X7R, 10 V, 680 pF			680 pF				MCCA001212
Capacitor, 0805, X7R, 10 V, 1 nF			1 nF				MCCA001213
Capacitor, 0805, X7R, 10 V, 1.5 nF			1.5 nF				MCCA001214
Capacitor, 0805, X7R, 10 V, 2.2 nF			2.2 nF				MCCA001215
Capacitor, 0805, X7R, 10 V, 3.3 nF			3.3 nF				MCCA001216
Capacitor, 0805, X7R, 10 V, 4.7 nF			4.7 nF				MCCA001217
Capacitor, 0805, X7R, 10 V, 6.8 nF			6.8 nF				MCCA001218
Capacitor, 0805, X7R, 10 V, 10 nF			10 nF				MCCA001219
Capacitor, 0805, X7R, 10 V, 15 nF			15 nF				MCCA001220
Capacitor, 0805, X7R, 10 V, 22 nF			22 nF				MCCA001221
Capacitor, 0805, X7R, 10 V, 33 nF			33 pF				MCCA001222
Capacitor, 0805, X7R, 10 V, 47 nF			47 nF				MCCA001223
Capacitor, 0805, X7R, 10 V, 68 nF			68 nF				MCCA001224
Capacitor, 0805, X7R, 10 V, 100 nF			100 nF				MCCA001225
Capacitor, 0805, X7R, 10 V, 150 nF			150 nF				MCCA001226
Capacitor, 0805, X7R, 10 V, 220 nF			220 nF				MCCA001227
Capacitor, 0805, X7R, 16 V, 100 pF			100 pF		MCCA001228		
Capacitor, 0805, X7R, 16 V, 150 pF			150 pF		MCCA001229		
Capacitor, 0805, X7R, 16 V, 220 pF			220 pF		MCCA001230		
Capacitor, 0805, X7R, 16 V, 330 pF			330 pF		MCCA001231		
Capacitor, 0805, X7R, 16 V, 470 pF			470 pF		MCCA001232		
Capacitor, 0805, X7R, 16 V, 680 pF			680 pF		MCCA001233		
Capacitor, 0805, X7R, 16 V, 1 nF			1 nF		MCCA001234		
Capacitor, 0805, X7R, 16 V, 1.5 nF			1.5 nF		MCCA001235		
Capacitor, 0805, X7R, 16 V, 2.2 nF			2.2 nF		MCCA001236		
Capacitor, 0805, X7R, 16 V, 3.3 nF			3.3 nF		MCCA001237		
Capacitor, 0805, X7R, 16 V, 4.7 nF			4.7 nF		MCCA001238		
Capacitor, 0805, X7R, 16 V, 6.8 nF			6.8 nF		MCCA001239		
Capacitor, 0805, X7R, 16 V, 10 nF			10 nF		MCCA001240		
Capacitor, 0805, X7R, 16 V, 15 nF			15 nF		MCCA001241		
Capacitor, 0805, X7R, 16 V, 22 nF			22 nF		MCCA001242		
Capacitor, 0805, X7R, 16 V, 33 nF			33 nF		MCCA001243		
Capacitor, 0805, X7R, 16 V, 47 nF			47 nF		MCCA001244		
					16 V		

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 0805, X7R, 16 V, 68 nF	0805 (2012)	X7R	68 nF	±10%	16 V	Cu / Ni / Sn	MCCA001245
Capacitor, 0805, X7R, 16 V, 100 nF			100 nF				MCCA001246
Capacitor, 0805, X7R, 16 V, 150 nF			150 nF				MCCA001247
Capacitor, 0805, X7R, 16 V, 220 nF			220 nF				MCCA001248
Capacitor, 0805, X7R, 25 V, 100 pF			100 pF				MCCA001249
Capacitor, 0805, X7R, 25 V, 150 pF			150 pF				MCCA001250
Capacitor, 0805, X7R, 25 V, 220 pF			220 pF		MCCA001251		
Capacitor, 0805, X7R, 25 V, 330 pF			330 pF		MCCA001252		
Capacitor, 0805, X7R, 25 V, 470 pF			470 pF		MCCA001253		
Capacitor, 0805, X7R, 25 V, 680 pF			680 pF		MCCA001254		
Capacitor, 0805, X7R, 25 V, 1 nF			1 nF		MCCA001255		
Capacitor, 0805, X7R, 25 V, 1.5 nF			1.5 nF		MCCA001256		
Capacitor, 0805, X7R, 25 V, 2.2 nF			2.2 nF		MCCA001257		
Capacitor, 0805, X7R, 25 V, 3.3 nF			3.3 nF		MCCA001258		
Capacitor, 0805, X7R, 25 V, 4.7 nF			4.7 nF		MCCA001259		
Capacitor, 0805, X7R, 25 V, 6.8 nF			6.8 nF		MCCA001260		
Capacitor, 0805, X7R, 25 V, 10 nF			10 nF		MCCA001261		
Capacitor, 0805, X7R, 25 V, 15 nF			15 nF		MCCA001262		
Capacitor, 0805, X7R, 25 V, 22 nF			22 nF		MCCA001263		
Capacitor, 0805, X7R, 25 V, 33 nF			33 nF		MCCA001264		
Capacitor, 0805, X7R, 25 V, 47 nF			47 nF		MCCA001265		
Capacitor, 0805, X7R, 25 V, 68 nF			68 nF		MCCA001266		
Capacitor, 0805, X7R, 25 V, 100 nF			100 nF		MCCA001267		
Capacitor, 0805, X7R, 25 V, 150 nF			150 nF		MCCA001268		
Capacitor, 0805, X7R, 25 V, 220 nF			220 nF		MCCA001269		
Capacitor, 0805, X7R, 50 V, 100 pF			100 pF		MCCA001270		
Capacitor, 0805, X7R, 50 V, 150 pF			150 pF		MCCA001271		
Capacitor, 0805, X7R, 50 V, 220 pF			220 pF		MCCA001272		
Capacitor, 0805, X7R, 50 V, 330 pF			330 pF		MCCA001273		
Capacitor, 0805, X7R, 50 V, 470 pF			470 pF		MCCA001274		
Capacitor, 0805, X7R, 50 V, 680 pF			680 pF		MCCA001275		
Capacitor, 0805, X7R, 50 V, 1 nF			1 nF		MCCA001276		
Capacitor, 0805, X7R, 50 V, 1.5 nF			1.5 nF		MCCA001277		
Capacitor, 0805, X7R, 50 V, 2.2 nF			2.2 nF		MCCA001278		
Capacitor, 0805, X7R, 50 V, 3.3 nF			3.3 nF		MCCA001279		
Capacitor, 0805, X7R, 50 V, 4.7 nF			4.7 nF		MCCA001280		

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number			
Capacitor, 0805, X7R, 50 V, 6.8 nF	0805 (2012)	X7R	6.8 nF	±10%	50 V	Cu / Ni / Sn	MCCA001281			
Capacitor, 0805, X7R, 50 V, 10 nF			10 nF				MCCA001282			
Capacitor, 0805, X7R, 50 V, 15 nF			15 nF				MCCA001283			
Capacitor, 0805, X7R, 50 V, 22 nF			22 nF				MCCA001284			
Capacitor, 0805, X7R, 50 V, 33 nF			33 nF				MCCA001285			
Capacitor, 0805, X7R, 50 V, 47 nF			47 nF				MCCA001286			
Capacitor, 0805, X7R, 50 V, 68 nF			68 nF				MCCA001287			
Capacitor, 0805, X7R, 50 V, 100 nF			100 nF				MCCA001288			
Capacitor, 0805, X7R, 50 V, 150 nF			150 nF				MCCA001289			
Capacitor, 0805, X7R, 50 V, 220 nF			220 nF				MCCA001290			
Capacitor, 0805, X7R, 100 V, 100 pF			100 pF				MCCA001291			
Capacitor, 0805, X7R, 100 V, 150 pF			150 pF				MCCA001292			
Capacitor, 0805, X7R, 100 V, 220 pF			220 pF		MCCA001293					
Capacitor, 0805, X7R, 100 V, 330 pF			330 pF		MCCA001294					
Capacitor, 0805, X7R, 100 V, 470 pF			470 pF		MCCA001295					
Capacitor, 0805, X7R, 100 V, 680 pF			680 pF		MCCA001296					
Capacitor, 0805, X7R, 100 V, 1 nF			1 nF		MCCA001297					
Capacitor, 0805, X7R, 100 V, 1.5 nF			1.5 nF		MCCA001298					
Capacitor, 0805, X7R, 100 V, 2.2 nF			2.2 nF		MCCA001299					
Capacitor, 0805, X7R, 100 V, 3.3 nF			3.3 nF		MCCA001300					
Capacitor, 0805, X7R, 100 V, 4.7 nF			4.7 nF		MCCA001301					
Capacitor, 0805, X7R, 100 V, 6.8 nF			6.8 nF		MCCA001302					
Capacitor, 0805, X7R, 100 V, 10 nF			10 nF		MCCA001303					
Capacitor, 0805, X7R, 100 V, 15 nF			15 nF		MCCA001304					
Capacitor, 0805, X7R, 100 V, 22 nF			22 nF		MCCA001305					
Capacitor, 0805, X7R, 100 V, 33 nF			33 nF		MCCA001306					
Capacitor, 0805, X7R, 100 V, 47 nF			47 nF		MCCA001307					
Capacitor, 0805, X7R, 100 V, 68 nF			68 nF		MCCA001308					
Capacitor, 0805, X7R, 100 V, 100 nF			100 nF		MCCA001309					
Capacitor, 1206, X7R, 10 V, 150 pF			1206 (3216)				150 pF		10 V	MCCA001310
Capacitor, 1206, X7R, 100 V, 150 pF							150 pF		100 V	MCCA001311
Capacitor, 1206, X7R, 10 V, 220 pF							220 pF		10 V	MCCA001312
Capacitor, 1206, X7R, 16 V, 150 pF							150 pF		16 V	MCCA001313
Capacitor, 1206, X7R, 100 V, 220 pF	220 pF	100 V		MCCA001314						
Capacitor, 1206, X7R, 10 V, 330 pF	330 pF	10 V		MCCA001315						
Capacitor, 1206, X7R, 25 V, 150 pF	150 pF	25 V		MCCA001316						
Capacitor, 1206, X7R, 16 V, 220 pF	220 pF	16 V		MCCA001317						
Capacitor, 1206, X7R, 100 V, 330 pF	330 pF	100 V		MCCA001318						
Capacitor, 1206, X7R, 10 V, 470 pF	470 pF	10 V		MCCA001319						
Capacitor, 1206, X7R, 50 V, 150 pF	150 pF	50 V		MCCA001320						

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 1206, X7R, 25 V, 220 pF	1206 (3216)	X7R	220 pF	±10%	25 V	Cu / Ni / Sn	MCCA001321
Capacitor, 1206, X7R, 16 V, 330 pF			330 pF		16 V		MCCA001322
Capacitor, 1206, X7R, 100 V, 470 pF			470 pF		100 V		MCCA001323
Capacitor, 1206, X7R, 10 V, 680 pF			680 pF		10 V		MCCA001324
Capacitor, 1206, X7R, 10 V, 1 nF			1 nF				MCCA001325
Capacitor, 1206, X7R, 10 V, 1.5 nF			1.5 nF				MCCA001326
Capacitor, 1206, X7R, 50 V, 220 pF			220 pF		50 V		MCCA001327
Capacitor, 1206, X7R, 25 V, 330 pF			330 pF		25 V		MCCA001328
Capacitor, 1206, X7R, 16 V, 470 pF			470 pF		16 V		MCCA001329
Capacitor, 1206, X7R, 100 V, 680 pF			680 pF		100 V		MCCA001330
Capacitor, 1206, X7R, 100 V, 1 nF			1 nF				MCCA001331
Capacitor, 1206, X7R, 100 V, 1.5 nF			1.5 nF				MCCA001332
Capacitor, 1206, X7R, 10 V, 2.2 nF			2.2 nF		10 V		MCCA001333
Capacitor, 1206, X7R, 50 V, 330 pF			330 pF		50 V		MCCA001334
Capacitor, 1206, X7R, 25 V, 470 pF			470 pF		25 V		MCCA001335
Capacitor, 1206, X7R, 16 V, 680 pF			680 pF		16 V		MCCA001336
Capacitor, 1206, X7R, 16 V, 1 nF			1 nF				MCCA001337
Capacitor, 1206, X7R, 16 V, 1.5 nF			1.5 nF				MCCA001338
Capacitor, 1206, X7R, 100 V, 2.2 nF			2.2 nF		100 V		MCCA001339
Capacitor, 1206, X7R, 10 V, 3.3 nF			3.3 nF		10 V		MCCA001340
Capacitor, 1206, X7R, 50 V, 470 pF			470 pF		50 V		MCCA001341
Capacitor, 1206, X7R, 25 V, 680 pF			680 pF		25 V		MCCA001342
Capacitor, 1206, X7R, 25 V, 1 nF			1 nF				MCCA001343
Capacitor, 1206, X7R, 25 V, 1.5 nF			1.5 nF				MCCA001344
Capacitor, 1206, X7R, 16 V, 2.2 nF			2.2 nF		16 V		MCCA001345
Capacitor, 1206, X7R, 100 V, 3.3 nF			3.3 nF		100 V		MCCA001346
Capacitor, 1206, X7R, 10 V, 4.7 nF			4.7 nF		10 V		MCCA001347
Capacitor, 1206, X7R, 50 V, 680 pF			680 pF		50 V		MCCA001348
Capacitor, 1206, X7R, 50 V, 1 nF			1 nF				MCCA001349
Capacitor, 1206, X7R, 50 V, 1.5 nF			1.5 nF				MCCA001350
Capacitor, 1206, X7R, 25 V, 2.2 nF			2.2 nF		25 V		MCCA001351
Capacitor, 1206, X7R, 16 V, 3.3 nF			3.3 nF		16 V		MCCA001352
Capacitor, 1206, X7R, 100 V, 4.7 nF			4.7 nF		100 V		MCCA001353
Capacitor, 1206, X7R, 10 V, 6.8 nF			6.8 nF		10 V		MCCA001354
Capacitor, 1206, X7R, 10 V, 10 nF			10 nF				MCCA001355
Capacitor, 1206, X7R, 10 V, 15 nF			15 nF				MCCA001356
Capacitor, 1206, X7R, 50 V, 2.2 nF			2.2 nF		50 V		MCCA001357
Capacitor, 1206, X7R, 25 V, 3.3 nF			3.3 nF		25 V		MCCA001358
Capacitor, 1206, X7R, 16 V, 4.7 nF			4.7 nF		16 V		MCCA001359
Capacitor, 1206, X7R, 100 V, 6.8 nF			6.8 nF		100 V		MCCA001360

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 1206, X7R, 100 V, 10 nF	1206 (3216)	X7R	10 nF	±10%	100 V	Cu / Ni / Sn	MCCA001361
Capacitor, 1206, X7R, 100 V, 15 nF			15 nF				MCCA001362
Capacitor, 1206, X7R, 10 V, 22 nF			22 nF		10 V		MCCA001363
Capacitor, 1206, X7R, 50 V, 3.3 nF			3.3 nF		50 V		MCCA001364
Capacitor, 1206, X7R, 25 V, 4.7 nF			4.7 nF		25 V		MCCA001365
Capacitor, 1206, X7R, 16 V, 6.8 nF			6.8 nF		16 V		MCCA001366
Capacitor, 1206, X7R, 16 V, 10 nF			10 nF				MCCA001367
Capacitor, 1206, X7R, 16 V, 15 nF			15 nF				MCCA001368
Capacitor, 1206, X7R, 100 V, 22 nF			22 nF		100 V		MCCA001369
Capacitor, 1206, X7R, 10 V, 33 nF			33 nF		10 V		MCCA001370
Capacitor, 1206, X7R, 50 V, 4.7 nF			4.7 nF		50 V		MCCA001371
Capacitor, 1206, X7R, 25 V, 6.8 nF			6.8 nF		25 V		MCCA001372
Capacitor, 1206, X7R, 25 V, 10 nF			10 nF				MCCA001373
Capacitor, 1206, X7R, 25 V, 15 nF			15 nF				MCCA001374
Capacitor, 1206, X7R, 16 V, 22 nF			22 nF		16 V		MCCA001375
Capacitor, 1206, X7R, 100 V, 33 nF			33 nF		100 V		MCCA001376
Capacitor, 1206, X7R, 10 V, 47 nF			47 nF		10 V		MCCA001377
Capacitor, 1206, X7R, 50 V, 6.8 nF			6.8 nF		50 V		MCCA001378
Capacitor, 1206, X7R, 50 V, 10 nF			10 nF				MCCA001379
Capacitor, 1206, X7R, 50 V, 15 nF			15 nF				MCCA001380
Capacitor, 1206, X7R, 25 V, 22 nF			22 nF		25 V		MCCA001381
Capacitor, 1206, X7R, 16 V, 33 nF			33 nF		16 V		MCCA001382
Capacitor, 1206, X7R, 100 V, 47 nF			47 nF		100 V		MCCA001383
Capacitor, 1206, X7R, 10 V, 68 nF			68 nF		10 V		MCCA001384
Capacitor, 1206, X7R, 10 V, 100 nF			100 nF				MCCA001385
Capacitor, 1206, X7R, 10 V, 150 nF			150 nF		50 V		MCCA001386
Capacitor, 1206, X7R, 50 V, 22 nF			22 nF				MCCA001387
Capacitor, 1206, X7R, 25 V, 33 nF			33 nF		25 V		MCCA001388
Capacitor, 1206, X7R, 16 V, 47 nF			47 nF		16 V		MCCA001389
Capacitor, 1206, X7R, 100 V, 68 nF			68 nF		100 V		MCCA001390
Capacitor, 1206, X7R, 100 V, 100 nF			100 nF				MCCA001391
Capacitor, 1206, X7R, 100 V, 150 nF			150 nF		10 V		MCCA001392
Capacitor, 1206, X7R, 10 V, 220 nF			220 nF				MCCA001393
Capacitor, 1206, X7R, 50 V, 33 nF			33 nF		50 V		MCCA001394
Capacitor, 1206, X7R, 25 V, 47 nF			47 nF		25 V		MCCA001395
Capacitor, 1206, X7R, 16 V, 68 nF			68 nF		16 V		MCCA001396
Capacitor, 1206, X7R, 16 V, 100 nF			100 nF				MCCA001397
Capacitor, 1206, X7R, 16 V, 150 nF			150 nF				MCCA001398
Capacitor, 1206, X7R, 100 V, 220 nF			220 nF		100 V		MCCA001399
Capacitor, 1206, X7R, 10 V, 330 nF			330 nF		10 V		MCCA001400

Soft Terminal MLCC



Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (V DC)	Termination	Part Number
Capacitor, 1206, X7R, 50 V, 47 nF	1206 (3216)	X7R	47 nF	±10%	50 V	Cu / Ni / Sn	MCCA001401
Capacitor, 1206, X7R, 25 V, 68 nF			68 nF		25 V		MCCA001402
Capacitor, 1206, X7R, 25 V, 100 nF			100 nF		16 V		MCCA001403
Capacitor, 1206, X7R, 25 V, 150 nF			150 nF				MCCA001404
Capacitor, 1206, X7R, 16 V, 220 nF			220 nF		10 V		MCCA001405
Capacitor, 1206, X7R, 16 V, 330 nF			330 nF				MCCA001406
Capacitor, 1206, X7R, 10 V, 470 nF			470 nF		50 V		MCCA001407
Capacitor, 1206, X7R, 50 V, 68 nF			68 nF				MCCA001408
Capacitor, 1206, X7R, 50 V, 100 nF			100 nF		25 V		MCCA001409
Capacitor, 1206, X7R, 50 V, 150 nF			150 nF				MCCA001410
Capacitor, 1206, X7R, 25 V, 220 nF			220 nF		16 V		MCCA001411
Capacitor, 1206, X7R, 25 V, 330 nF			330 nF				MCCA001412
Capacitor, 1206, X7R, 16 V, 470 nF			470 nF		10 V		MCCA001413
Capacitor, 1206, X7R, 10 V, 680 nF			680 nF				MCCA001414
Capacitor, 1206, X7R, 10 V, 1uF			1 uF		50 V		MCCA001415
Capacitor, 1206, X7R, 50 V, 220 nF			220 nF				MCCA001416
Capacitor, 1206, X7R, 50 V, 330 nF			330 nF		25 V		MCCA001417
Capacitor, 1206, X7R, 25 V, 470 nF			470 nF				MCCA001418
Capacitor, 1206, X7R, 16 V, 680 nF			680 nF		16 V		MCCA001419
Capacitor, 1206, X7R, 16 V, 1uF			1 uF				MCCA001420
Capacitor, 1206, X7R, 50 V, 470 nF			470 nF		50 V		MCCA001421
Capacitor, 1206, X7R, 25 V, 680 nF			680 nF				MCCA001422
Capacitor, 1206, X7R, 25 V, 1uF			1 uF		25 V		MCCA001423
Capacitor, 1206, X7R, 50 V, 680 nF			680 nF				MCCA001424
Capacitor, 1206, X7R, 50 V, 1uF			1 uF		50 V		MCCA001425

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