

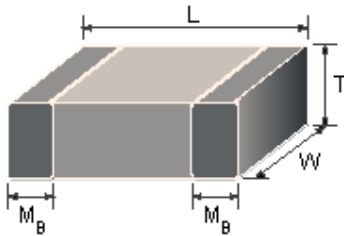
Soft Terminal MLCC



Soft Termination Capacitors



Dimensions Table



Size	L (mm)	W (mm)	Thickness (mm)/Symbol		Remark	M _B (mm)
0603 (1608)	1.60±0.20	0.80±0.10	0.80±0.07	S	-	0.40±0.15
	1.60+0.20/-0.10	0.80+0.15/-0.10	0.80+0.15/-0.10	X	-	
0805 (2012)	2.00±0.15	1.25±0.10	0.50±0.10	H	-	0.50±0.20
			0.60±0.10	A	-	
			0.80±0.10	B	-	
			1.25±0.10	D	#	
	2.00±0.20	1.25±0.20	0.85±0.10	T	-	
			1.25±0.20	I	#	
1206 (3216)	3.20±0.15	1.60±0.15	0.80±0.10	B	-	0.60±0.20
			0.95±0.10	C	#	
			1.25±0.10	D	#	
			1.15±0.15	J	#	
	3.20±0.20	1.60±0.20	1.60±0.20	G	#	
			0.85±0.10	T	-	
			1.60+0.30/-0.10	1.60+0.30/-0.10	1.60+0.30/-0.10	

Dimensions : Millimetres

Reflow soldering only is recommended.

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

Constructions

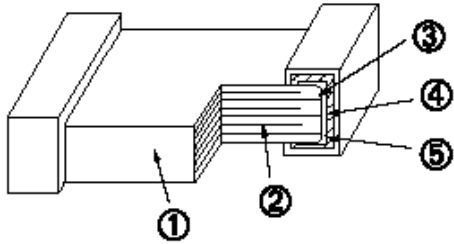


Fig 1. Construction of MLCC

No	Name	X7R	X7R
1	Ceramic material	BaTiO ₃ 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 sulfide, 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.

Capacitance Range (X7R Dielectric 10 to 100V):

Dielectric		X7R														
Size		0603					0805					1206				
Rated Voltage		10	16	25	50	100	10	16	25	50	100	10	16	25	50	100
Capcitanace	100pF (101)	S	S	S	S	S	B/D	B/D	B/D	B/D	B/D	-	-	-	-	-
	150pF (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
	220pF (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
	330pF (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
	470pF (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
	680pF (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
	1,000pF (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
	1,500pF (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
	2,200pF (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
	3,300pF (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

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Capacitance Range (X7R Dielectric 10 to 100V):

Dielectric		X7R														
Size		0603					0805					1206				
Rated Voltage		10	16	25	50	100	10	16	25	50	100	10	16	25	50	100
Capacitance	4,700pF (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
	6,800pF (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
	0.010μF (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
	0.015μF (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
	0.022μF (223)	S	S	S	S	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.033μF (333)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.047μF (473)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.068μF (683)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	B/D
	0.10μF (104)	S	S	S	X	-	B/D	B/D	B/D	B/D	D	B/D	B/D	B/D	B/D	D
	0.15μF (154)	S	S	X	-	-	D	D	D	-	-	C	C	C	C	G
	0.22μF (224)	S	S	X	-	-	D	D	D	-	-	C	C	C	C	G
	0.33μF (334)	X	X	X	-	-	-	-	-	-	-	C	C	C	D	-
	0.47μF (474)	X	X	X	-	-	-	-	-	-	-	J	J	J	P	-
	0.68μF (684)	X	X	-	-	-	-	-	-	-	-	J	J	J	P	-
1.00μF (105)	X	X	-	-	-	-	-	-	-	-	J	J	J	P	-	

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0603, X7R, 10V, 100pF	0603 (1608)	X7R	100pF	±10%	10V	Cu/Ni/Sn	MCCA001104
Capacitor, 0603, X7R, 10V, 150pF			150pF				MCCA001105
Capacitor, 0603, X7R, 10V, 220pF			220pF				MCCA001106
Capacitor, 0603, X7R, 10V, 330pF			330pF				MCCA001107
Capacitor, 0603, X7R, 10V, 470pF			470pF				MCCA001108
Capacitor, 0603, X7R, 10V, 680pF			680pF				MCCA001109
Capacitor, 0603, X7R, 10V, 1nF			1nF				MCCA001110
Capacitor, 0603, X7R, 10V, 1.5nF			1.5nF				MCCA001111
Capacitor, 0603, X7R, 10V, 2.2nF			2.2nF				MCCA001112
Capacitor, 0603, X7R, 10V, 3.3nF			3.3nF				MCCA001113
Capacitor, 0603, X7R, 10V, 4.7nF			4.7nF				MCCA001114
Capacitor, 0603, X7R, 10V, 6.8nF			6.8nF				MCCA001115
Capacitor, 0603, X7R, 10V, 10nF			10nF				MCCA001116
Capacitor, 0603, X7R, 10V, 15nF			15nF				MCCA001117

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0603, X7R, 10V, 22nF	0603 (1608)	X7R	22nF	±10%	10V	Cu/Ni/Sn	MCCA001118
Capacitor, 0603, X7R, 10V, 33nF			33nF				MCCA001119
Capacitor, 0603, X7R, 10V, 47nF			47nF				MCCA001120
Capacitor, 0603, X7R, 10V, 68nF			68nF				MCCA001121
Capacitor, 0603, X7R, 10V, 100nF			100nF				MCCA001122
Capacitor, 0603, X7R, 10V, 150nF			150nF				MCCA001123
Capacitor, 0603, X7R, 10V, 220nF			220nF				MCCA001124
Capacitor, 0603, X7R, 10V, 330nF			330nF				MCCA001125
Capacitor, 0603, X7R, 10V, 470nF			470nF				MCCA001126
Capacitor, 0603, X7R, 10V, 680nF			680nF				MCCA001127
Capacitor, 0603, X7R, 10V, 1uF			1uF				MCCA001128
Capacitor, 0603, X7R, 16V, 100pF			100pF				MCCA001129
Capacitor, 0603, X7R, 16V, 150pF			150pF				MCCA001130
Capacitor, 0603, X7R, 16V, 220pF			220pF				MCCA001131
Capacitor, 0603, X7R, 16V, 330pF			330pF		MCCA001132		
Capacitor, 0603, X7R, 16V, 470pF			470pF		MCCA001133		
Capacitor, 0603, X7R, 16V, 680pF			680pF		MCCA001134		
Capacitor, 0603, X7R, 16V, 1nF			1nF		MCCA001135		
Capacitor, 0603, X7R, 16V, 1.5nF			1.5nF		MCCA001136		
Capacitor, 0603, X7R, 16V, 2.2nF			2.2nF		MCCA001137		
Capacitor, 0603, X7R, 16V, 3.3nF			3.3nF		MCCA001138		
Capacitor, 0603, X7R, 16V, 4.7nF			4.7nF		MCCA001139		
Capacitor, 0603, X7R, 16V, 6.8nF			6.8nF		MCCA001140		
Capacitor, 0603, X7R, 16V, 10nF			10nF		MCCA001141		
Capacitor, 0603, X7R, 16V, 15nF			15nF		MCCA001142		
Capacitor, 0603, X7R, 16V, 22nF			22nF		MCCA001143		
Capacitor, 0603, X7R, 16V, 33nF			33nF		MCCA001144		
Capacitor, 0603, X7R, 16V, 47nF			47nF		MCCA001145		
Capacitor, 0603, X7R, 16V, 68nF			68nF		MCCA001146		
Capacitor, 0603, X7R, 16V, 100nF			100nF		MCCA001147		
Capacitor, 0603, X7R, 16V, 150nF			150nF		MCCA001148		
Capacitor, 0603, X7R, 16V, 220nF			220nF		MCCA001149		
Capacitor, 0603, X7R, 16V, 330nF			330nF		MCCA001150		
Capacitor, 0603, X7R, 16V, 470nF			470nF		MCCA001151		

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0603, X7R, 25V, 100pF	0603 (1608)	X7R	100pF	±10%	25V	Cu/Ni/Sn	MCCA001152
Capacitor, 0603, X7R, 25V, 150pF			150pF				MCCA001153
Capacitor, 0603, X7R, 25V, 220pF			220pF				MCCA001154
Capacitor, 0603, X7R, 25V, 330pF			330pF				MCCA001155
Capacitor, 0603, X7R, 25V, 470pF			470pF				MCCA001156
Capacitor, 0603, X7R, 25V, 680pF			680pF				MCCA001157
Capacitor, 0603, X7R, 25V, 1nF			1nF				MCCA001158
Capacitor, 0603, X7R, 25V, 1.5nF			1.5nF				MCCA001159
Capacitor, 0603, X7R, 25V, 2.2nF			2.2nF				MCCA001160
Capacitor, 0603, X7R, 25V, 3.3nF			3.3nF				MCCA001161
Capacitor, 0603, X7R, 25V, 4.7nF			4.7nF				MCCA001162
Capacitor, 0603, X7R, 25V, 6.8nF			6.8nF				MCCA001163
Capacitor, 0603, X7R, 25V, 10nF			10nF				MCCA001164
Capacitor, 0603, X7R, 25V, 15nF			15nF				MCCA001165
Capacitor, 0603, X7R, 25V, 22nF			22nF				MCCA001166
Capacitor, 0603, X7R, 25V, 33nF			33nF				MCCA001167
Capacitor, 0603, X7R, 25V, 47nF			47nF				MCCA001168
Capacitor, 0603, X7R, 25V, 68nF			68nF		MCCA001169		
Capacitor, 0603, X7R, 25V, 100nF			100nF		MCCA001170		
Capacitor, 0603, X7R, 25V, 150nF			150nF		MCCA001171		
Capacitor, 0603, X7R, 25V, 220nF			220nF		MCCA001172		
Capacitor, 0603, X7R, 25V, 330nF			330nF		MCCA001173		
Capacitor, 0603, X7R, 25V, 470nF			470nF		MCCA001174		
Capacitor, 0603, X7R, 50V, 100pF			100pF		MCCA001175		
Capacitor, 0603, X7R, 50V, 150pF			150pF		MCCA001176		
Capacitor, 0603, X7R, 50V, 220pF			220pF		MCCA001177		
Capacitor, 0603, X7R, 50V, 330pF			330pF		MCCA001178		
Capacitor, 0603, X7R, 50V, 470pF			470pF		MCCA001179		
Capacitor, 0603, X7R, 50V, 680pF			680pF		MCCA001180		
Capacitor, 0603, X7R, 50V, 1nF			1nF		MCCA001181		
Capacitor, 0603, X7R, 50V, 1.5nF			1.5nF		MCCA001182		
Capacitor, 0603, X7R, 50V, 2.2nF			2.2nF		MCCA001183		
Capacitor, 0603, X7R, 50V, 3.3nF			3.3nF		MCCA001184		
Capacitor, 0603, X7R, 50V, 4.7nF	4.7nF	MCCA001185					

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number				
Capacitor, 0603, X7R, 50V, 6.8nF	0603 (1608)	X7R	6.8nF	±10%	50V	Cu/Ni/Sn	MCCA001186				
Capacitor, 0603, X7R, 50V, 10nF			10nF				MCCA001187				
Capacitor, 0603, X7R, 50V, 15nF			15nF				MCCA001188				
Capacitor, 0603, X7R, 50V, 22nF			22nF				MCCA001189				
Capacitor, 0603, X7R, 50V, 33nF			33nF				MCCA001190				
Capacitor, 0603, X7R, 50V, 47nF			47nF				MCCA001191				
Capacitor, 0603, X7R, 50V, 68nF			68nF				MCCA001192				
Capacitor, 0603, X7R, 50V, 100nF			100nF				MCCA001193				
Capacitor, 0603, X7R, 100V, 100pF			100pF				MCCA001194				
Capacitor, 0603, X7R, 100V, 150pF			150pF		MCCA001195						
Capacitor, 0603, X7R, 100V, 220pF			220pF		MCCA001196						
Capacitor, 0603, X7R, 100V, 330pF			330pF		MCCA001197						
Capacitor, 0603, X7R, 100V, 470pF			470pF		MCCA001198						
Capacitor, 0603, X7R, 100V, 680pF			680pF		MCCA001199						
Capacitor, 0603, X7R, 100V, 1nF			1nF		MCCA001200						
Capacitor, 0603, X7R, 100V, 1.5nF			1.5nF		MCCA001201						
Capacitor, 0603, X7R, 100V, 2.2nF			2.2nF		MCCA001202						
Capacitor, 0603, X7R, 100V, 3.3nF			3.3nF		MCCA001203						
Capacitor, 0603, X7R, 100V, 4.7nF			4.7nF		MCCA001204						
Capacitor, 0603, X7R, 100V, 6.8nF			6.8nF		MCCA001205						
Capacitor, 0603, X7R, 100V, 10nF			10nF		MCCA001206						
Capacitor, 0805, X7R, 10V, 100pF			0805 (2012)		X7R		100pF	±10%	10V	Cu/Ni/Sn	MCCA001207
Capacitor, 0805, X7R, 10V, 150pF							150pF				MCCA001208
Capacitor, 0805, X7R, 10V, 220pF							220pF				MCCA001209
Capacitor, 0805, X7R, 10V, 330pF							330pF				MCCA001210
Capacitor, 0805, X7R, 10V, 470pF							470pF				MCCA001211
Capacitor, 0805, X7R, 10V, 680pF							680pF				MCCA001212
Capacitor, 0805, X7R, 10V, 1nF							1nF				MCCA001213
Capacitor, 0805, X7R, 10V, 1.5nF							1.5nF				MCCA001214
Capacitor, 0805, X7R, 10V, 2.2nF							2.2nF				MCCA001215
Capacitor, 0805, X7R, 10V, 3.3nF							3.3nF				MCCA001216
Capacitor, 0805, X7R, 10V, 4.7nF							4.7nF				MCCA001217
Capacitor, 0805, X7R, 10V, 6.8nF							6.8nF				MCCA001218
Capacitor, 0805, X7R, 10V, 10nF	10nF	MCCA001219									
Capacitor, 0805, X7R, 10V, 15nF	15nF	MCCA001220									

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0805, X7R, 10V, 22nF	0805 (2012)	X7R	22nF	±10%	10V	Cu/Ni/Sn	MCCA001221
Capacitor, 0805, X7R, 10V, 33nF			33nF				MCCA001222
Capacitor, 0805, X7R, 10V, 47nF			47nF				MCCA001223
Capacitor, 0805, X7R, 10V, 68nF			68nF				MCCA001224
Capacitor, 0805, X7R, 10V, 100nF			100nF				MCCA001225
Capacitor, 0805, X7R, 10V, 150nF			150nF				MCCA001226
Capacitor, 0805, X7R, 10V, 220nF			220nF				MCCA001227
Capacitor, 0805, X7R, 16V, 100pF			100pF				MCCA001228
Capacitor, 0805, X7R, 16V, 150pF			150pF				MCCA001229
Capacitor, 0805, X7R, 16V, 220pF			220pF				MCCA001230
Capacitor, 0805, X7R, 16V, 330pF			330pF				MCCA001231
Capacitor, 0805, X7R, 16V, 470pF			470pF				MCCA001232
Capacitor, 0805, X7R, 16V, 680pF			680pF				MCCA001233
Capacitor, 0805, X7R, 16V, 1nF			1nF				MCCA001234
Capacitor, 0805, X7R, 16V, 1.5nF			1.5nF				MCCA001235
Capacitor, 0805, X7R, 16V, 2.2nF			2.2nF		MCCA001236		
Capacitor, 0805, X7R, 16V, 3.3nF			3.3nF		MCCA001237		
Capacitor, 0805, X7R, 16V, 4.7nF			4.7nF		MCCA001238		
Capacitor, 0805, X7R, 16V, 6.8nF			6.8nF		MCCA001239		
Capacitor, 0805, X7R, 16V, 10nF			10nF		MCCA001240		
Capacitor, 0805, X7R, 16V, 15nF			15nF		MCCA001241		
Capacitor, 0805, X7R, 16V, 22nF			22nF		MCCA001242		
Capacitor, 0805, X7R, 16V, 33nF			33nF		MCCA001243		
Capacitor, 0805, X7R, 16V, 47nF			47nF		MCCA001244		
Capacitor, 0805, X7R, 16V, 68nF			68nF		MCCA001245		
Capacitor, 0805, X7R, 16V, 100nF			100nF		MCCA001246		
Capacitor, 0805, X7R, 16V, 150nF			150nF		MCCA001247		
Capacitor, 0805, X7R, 16V, 220nF			220nF		MCCA001248		
Capacitor, 0805, X7R, 25V, 100pF			100pF		MCCA001249		
Capacitor, 0805, X7R, 25V, 150pF			150pF		MCCA001250		
Capacitor, 0805, X7R, 25V, 220pF			220pF		MCCA001251		
Capacitor, 0805, X7R, 25V, 330pF			330pF		MCCA001252		
Capacitor, 0805, X7R, 25V, 470pF			470pF		MCCA001253		
Capacitor, 0805, X7R, 25V, 680pF	680pF	MCCA001254					

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0805, X7R, 25V, 1nF	0805 (2012)	X7R	1nF	±10%	25V	Cu/Ni/Sn	MCCA001255
Capacitor, 0805, X7R, 25V, 1.5nF			1.5nF				MCCA001256
Capacitor, 0805, X7R, 25V, 2.2nF			2.2nF				MCCA001257
Capacitor, 0805, X7R, 25V, 3.3nF			3.3nF				MCCA001258
Capacitor, 0805, X7R, 25V, 4.7nF			4.7nF				MCCA001259
Capacitor, 0805, X7R, 25V, 6.8nF			6.8nF				MCCA001260
Capacitor, 0805, X7R, 25V, 10nF			10nF				MCCA001261
Capacitor, 0805, X7R, 25V, 15nF			15nF				MCCA001262
Capacitor, 0805, X7R, 25V, 22nF			22nF				MCCA001263
Capacitor, 0805, X7R, 25V, 33nF			33nF				MCCA001264
Capacitor, 0805, X7R, 25V, 47nF			47nF				MCCA001265
Capacitor, 0805, X7R, 25V, 68nF			68nF				MCCA001266
Capacitor, 0805, X7R, 25V, 100nF			100nF				MCCA001267
Capacitor, 0805, X7R, 25V, 150nF			150nF				MCCA001268
Capacitor, 0805, X7R, 25V, 220nF			220nF				MCCA001269
Capacitor, 0805, X7R, 50V, 100pF			100pF				MCCA001270
Capacitor, 0805, X7R, 50V, 150pF			150pF				MCCA001271
Capacitor, 0805, X7R, 50V, 220pF			220pF		MCCA001272		
Capacitor, 0805, X7R, 50V, 330pF			330pF		MCCA001273		
Capacitor, 0805, X7R, 50V, 470pF			470pF		MCCA001274		
Capacitor, 0805, X7R, 50V, 680pF			680pF		MCCA001275		
Capacitor, 0805, X7R, 50V, 1nF			1nF		MCCA001276		
Capacitor, 0805, X7R, 50V, 1.5nF			1.5nF		MCCA001277		
Capacitor, 0805, X7R, 50V, 2.2nF			2.2nF		MCCA001278		
Capacitor, 0805, X7R, 50V, 3.3nF			3.3nF		MCCA001279		
Capacitor, 0805, X7R, 50V, 4.7nF			4.7nF		MCCA001280		
Capacitor, 0805, X7R, 50V, 6.8nF			6.8nF		MCCA001281		
Capacitor, 0805, X7R, 50V, 10nF			10nF		MCCA001282		
Capacitor, 0805, X7R, 50V, 15nF			15nF		MCCA001283		
Capacitor, 0805, X7R, 50V, 22nF			22nF		MCCA001284		
Capacitor, 0805, X7R, 50V, 33nF			33nF		MCCA001285		
Capacitor, 0805, X7R, 50V, 47nF			47nF		MCCA001286		
Capacitor, 0805, X7R, 50V, 68nF			68nF		MCCA001287		
Capacitor, 0805, X7R, 50V, 100nF			100nF		MCCA001288		

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0805, X7R, 50V, 150nF	0805 (2012)	X7R	150nF	±10%	50V	Cu/Ni/Sn	MCCA001289
Capacitor, 0805, X7R, 50V, 220nF			220nF				MCCA001290
Capacitor, 0805, X7R, 100V, 100pF			100pF				MCCA001291
Capacitor, 0805, X7R, 100V, 150pF			150pF				MCCA001292
Capacitor, 0805, X7R, 100V, 220pF			220pF				MCCA001293
Capacitor, 0805, X7R, 100V, 330pF			330pF		MCCA001294		
Capacitor, 0805, X7R, 100V, 470pF			470pF		MCCA001295		
Capacitor, 0805, X7R, 100V, 680pF			680pF		MCCA001296		
Capacitor, 0805, X7R, 100V, 1nF			1nF		MCCA001297		
Capacitor, 0805, X7R, 100V, 1.5nF			1.5nF		MCCA001298		
Capacitor, 0805, X7R, 100V, 2.2nF			2.2nF		MCCA001299		
Capacitor, 0805, X7R, 100V, 3.3nF			3.3nF		MCCA001300		
Capacitor, 0805, X7R, 100V, 4.7nF			4.7nF		MCCA001301		
Capacitor, 0805, X7R, 100V, 6.8nF			6.8nF		MCCA001302		
Capacitor, 0805, X7R, 100V, 10nF			10nF		MCCA001303		
Capacitor, 0805, X7R, 100V, 15nF			15nF		MCCA001304		
Capacitor, 0805, X7R, 100V, 22nF			22nF		MCCA001305		
Capacitor, 0805, X7R, 100V, 33nF			33nF		MCCA001306		
Capacitor, 0805, X7R, 100V, 47nF			47nF		MCCA001307		
Capacitor, 0805, X7R, 100V, 68nF			68nF		MCCA001308		
Capacitor, 0805, X7R, 100V, 100nF	100nF	MCCA001309					
Capacitor, 1206, X7R, 10V, 150pF	1206 (3216)	X7R	150pF	±10%	10V	MCCA001310	
Capacitor, 1206, X7R, 100V, 150pF			150pF		100V	MCCA001311	
Capacitor, 1206, X7R, 10V, 220pF			220pF		10V	MCCA001312	
Capacitor, 1206, X7R, 16V, 150pF			150pF		16V	MCCA001313	
Capacitor, 1206, X7R, 100V, 220pF			220pF		100V	MCCA001314	
Capacitor, 1206, X7R, 10V, 330pF			330pF		10V	MCCA001315	
Capacitor, 1206, X7R, 25V, 150pF			150pF		25V	MCCA001316	
Capacitor, 1206, X7R, 16V, 220pF			220pF		16V	MCCA001317	
Capacitor, 1206, X7R, 100V, 330pF			330pF		100V	MCCA001318	
Capacitor, 1206, X7R, 10V, 470pF			470pF		10V	MCCA001319	
Capacitor, 1206, X7R, 50V, 150pF			150pF		50V	MCCA001320	
Capacitor, 1206, X7R, 25V, 220pF			220pF		25V	MCCA001321	
Capacitor, 1206, X7R, 16V, 330pF			330pF		16V	MCCA001322	

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

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number	
Capacitor, 1206, X7R, 50V, 2.2nF	1206 (3216)	X7R	2.2nF	±10%	50V	Cu/Ni/Sn	MCCA001357	
Capacitor, 1206, X7R, 25V, 3.3nF			3.3nF		25V		MCCA001358	
Capacitor, 1206, X7R, 16V, 4.7nF			4.7nF		16V		MCCA001359	
Capacitor, 1206, X7R, 100V, 6.8nF			6.8nF		100V		MCCA001360	
Capacitor, 1206, X7R, 100V, 10nF			10nF				MCCA001361	
Capacitor, 1206, X7R, 100V, 15nF			15nF				MCCA001362	
Capacitor, 1206, X7R, 10V, 22nF			22nF				10V	MCCA001363
Capacitor, 1206, X7R, 50V, 3.3nF			3.3nF				50V	MCCA001364
Capacitor, 1206, X7R, 25V, 4.7nF			4.7nF				25V	MCCA001365
Capacitor, 1206, X7R, 16V, 6.8nF			6.8nF		16V		MCCA001366	
Capacitor, 1206, X7R, 16V, 10nF			10nF				MCCA001367	
Capacitor, 1206, X7R, 16V, 15nF			15nF				MCCA001368	
Capacitor, 1206, X7R, 100V, 22nF			22nF		100V		MCCA001369	
Capacitor, 1206, X7R, 10V, 33nF			33nF		10V		MCCA001370	
Capacitor, 1206, X7R, 50V, 4.7nF			4.7nF		50V		MCCA001371	
Capacitor, 1206, X7R, 25V, 6.8nF			6.8nF		25V		MCCA001372	
Capacitor, 1206, X7R, 25V, 10nF			10nF				MCCA001373	
Capacitor, 1206, X7R, 25V, 15nF			15nF				MCCA001374	
Capacitor, 1206, X7R, 16V, 22nF			22nF		16V		MCCA001375	
Capacitor, 1206, X7R, 100V, 33nF			33nF		100V		MCCA001376	
Capacitor, 1206, X7R, 10V, 47nF			47nF		10V		MCCA001377	
Capacitor, 1206, X7R, 50V, 6.8nF			6.8nF		50V		MCCA001378	
Capacitor, 1206, X7R, 50V, 10nF			10nF				MCCA001379	
Capacitor, 1206, X7R, 50V, 15nF			15nF				MCCA001380	
Capacitor, 1206, X7R, 25V, 22nF			22nF		25V		MCCA001381	
Capacitor, 1206, X7R, 16V, 33nF			33nF		16V		MCCA001382	
Capacitor, 1206, X7R, 100V, 47nF			47nF		100V		MCCA001383	
Capacitor, 1206, X7R, 10V, 68nF			68nF		10V		MCCA001384	
Capacitor, 1206, X7R, 10V, 100nF			100nF				MCCA001385	
Capacitor, 1206, X7R, 10V, 150nF			150nF				MCCA001386	
Capacitor, 1206, X7R, 50V, 22nF			22nF		50V		MCCA001387	
Capacitor, 1206, X7R, 25V, 33nF			33nF		25V		MCCA001388	
Capacitor, 1206, X7R, 16V, 47nF			47nF		16V		MCCA001389	
Capacitor, 1206, X7R, 100V, 68nF			68nF		100V		MCCA001390	

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Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 1206, X7R, 100V, 100nF	1206 (3216)	X7R	100nF	±10%	100V	Cu/Ni/Sn	MCCA001391
Capacitor, 1206, X7R, 100V, 150nF			150nF		MCCA001392		
Capacitor, 1206, X7R, 10V, 220nF			220nF		MCCA001393		
Capacitor, 1206, X7R, 50V, 33nF			33nF		MCCA001394		
Capacitor, 1206, X7R, 25V, 47nF			47nF		MCCA001395		
Capacitor, 1206, X7R, 16V, 68nF			68nF		MCCA001396		
Capacitor, 1206, X7R, 16V, 100nF			100nF		MCCA001397		
Capacitor, 1206, X7R, 16V, 150nF			150nF		MCCA001398		
Capacitor, 1206, X7R, 100V, 220nF			220nF		MCCA001399		
Capacitor, 1206, X7R, 10V, 330nF			330nF		MCCA001400		
Capacitor, 1206, X7R, 50V, 47nF			47nF		MCCA001401		
Capacitor, 1206, X7R, 25V, 68nF			68nF		MCCA001402		
Capacitor, 1206, X7R, 25V, 100nF			100nF		MCCA001403		
Capacitor, 1206, X7R, 25V, 150nF			150nF		MCCA001404		
Capacitor, 1206, X7R, 16V, 220nF			220nF		MCCA001405		
Capacitor, 1206, X7R, 16V, 330nF			330nF		MCCA001406		
Capacitor, 1206, X7R, 10V, 470nF			470nF		MCCA001407		
Capacitor, 1206, X7R, 50V, 68nF			68nF		MCCA001408		
Capacitor, 1206, X7R, 50V, 100nF			100nF		MCCA001409		
Capacitor, 1206, X7R, 50V, 150nF			150nF		MCCA001410		
Capacitor, 1206, X7R, 25V, 220nF			220nF		MCCA001411		
Capacitor, 1206, X7R, 25V, 330nF			330nF		MCCA001412		
Capacitor, 1206, X7R, 16V, 470nF			470nF		MCCA001413		
Capacitor, 1206, X7R, 10V, 680nF			680nF		MCCA001414		
Capacitor, 1206, X7R, 10V, 1uF			1uF		MCCA001415		
Capacitor, 1206, X7R, 50V, 220nF			220nF		MCCA001416		
Capacitor, 1206, X7R, 50V, 330nF			330nF		MCCA001417		
Capacitor, 1206, X7R, 25V, 470nF			470nF		MCCA001418		
Capacitor, 1206, X7R, 16V, 680nF			680nF		MCCA001419		
Capacitor, 1206, X7R, 16V, 1uF			1uF		MCCA001420		
Capacitor, 1206, X7R, 50V, 470nF			470nF		MCCA001421		
Capacitor, 1206, X7R, 25V, 680nF			680nF		MCCA001422		
Capacitor, 1206, X7R, 25V, 1uF	1uF	MCCA001423					
Capacitor, 1206, X7R, 50V, 680nF	680nF	MCCA001424					
Capacitor, 1206, X7R, 50V, 1uF	1uF	MCCA001425					

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