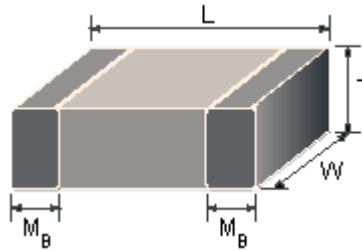


High Voltage Capacitors

Dimensions Table

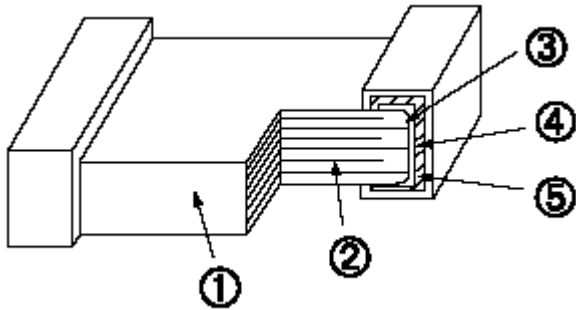


Size Inch (mm)	L (mm)	W (mm)	T (mm)/Symbol		Remark	MB (mm)
0603 (1608)	1.60 ±0.10	0.80 ±0.10	0.80 ±0.07	S		0.40 ±0.15
	1.66 +0.15/-0.10	0.80 + 0.15/-0.10	0.80 + 0.15/-0.10	X		
0805 (2012)	2.00 ±0.15	1.25 ±0.10	0.50 ±0.10	H		0.50 ±0.20
			0.60 ±0.10	A		
			0.80 ±0.10	B		
			1.25 ±0.10	D	#	
	2.00 ±0.20	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		
	3.20 + 0.30/-0.10	1.60 + 0.30/-0.10	1.60 + 0.30/-0.10	P		
1210 (3225)	3.20 ±0.30	2.50 ±0.20	0.95 ±0.10	C		0.75 ±0.25
			0.85 ±0.10	T		
			1.25 ±0.10	D		
			1.60 ±0.20	G		
	3.20 ±0.40	2.50 ±0.30	2.00 ±0.20	K	#	
			2.50 ±0.30	M		
1812 (4532)	4.50 ±0.40	3.20 ±0.30	1.25 ±0.10	D		0.75 ±0.25
			2.00 ±0.20	K		
		3.20 ±0.40	2.50 ±0.30	M		
			2.80 ±0.30	U		

Reflow soldering only is recommended.

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

Constructions



The construction of MLCC

Number	Name	NPO/X7R/X7E	NPO/X7R/X5R/Y5V
1	Ceramic material	BaTiO ₃ based	
2	Inner electrode	AgPd alloy	Ni
3	Termination	Inner layer	Cu
4		Middle layer	Ni
5		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:

- 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.
- To store products on the shelf and avoid exposure to moisture.
- Don't expose products to excessive shock, vibration, direct sunlight and so on.

Capacitance Range (NP0 Dielectric 200V to 3000V):

Dielectric		NP0										
Size		0630	0805		1206				1210		1812	
Rated Voltage (V dc)		200	200	500	200	630	1000	2000	1000	2000	1000	3000
Capacitance	1.0pF (1R0)	S	A	A	A	B						
	1.5pF (1R5)	S	A	A	A	B	B	B				
	2.2pF (2R2)	S	A	A	A	B	B	B				
	3.3pF (3R3)	S	A	A	A	B	B	B				
	4.7pF (4R7)	S	A	A	A	B	B	B				
	6.8pF (6R8)	S	A	A	A	B	B	B				
	10pF (100)	S	A	A	A	B	B	B	C	C		D
	15pF (150)	S	A	A	A	B	B	B	C	C	D	D
	22pF (220)	S	A	A	A	B	B	B	C	C	D	D
	33pF (330)	S	A	A	A	B	B	C	C	C	D	D
	47pF (470)	S	A	A	A	B	C	C	C	C	D	D
	68pF (680)	S	A	A	A	B	C	D	C	D	D	D
	100pF (101)	S	A	B	A	B	D	D	D	D	D	D
	150pF (151)	S	B	D	A	B	D	G	D	G	D	D
	220pF (221)	S	D	D	A	B	G	G	G	G	D	K
	330pF (331)		D	D	A	C	G		G		D	K
	470pF (471)				C	C	G		G		K	K
	680pF (681)				C	D					K	
	1,500pF (152)				D						K	
2,200pF (222)				D								
1,000pF (102)					G					K		

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 terminations.

Change Range (X7R Dielectric 200V to 3000V):

Dielectric		X7R										
Size		0805	1206			1210			1812			
Rated Voltage (V dc)		200	200	630	1000	2000	200	630	1000	630	1000	3000
Capacitance	100pF (101)	B										
	150pF (151)	B	D	D	D	D						
	0.015μF (153)	D	D	D			C	D		D	K	
	0.022μF (223)	D	D	G			C	D		D		
	220pF (221)		D	D	D	D						
	330pF (331)		D	D	D	D					D	
	470pF (471)		D	D	D	D					D	
	680pF (681)		D	D	D	D					D	K
	1,000pF (102)		D		D	G	C	D	D	D	D	K
	1,500pF (152)		D	D	D		C	D	D	D	D	
	2,200pF (222)		D		D		C	D	D	D	D	
	3,300pF (332)		D	D	D		C	D	D	D	D	
	4,700pF (472)		D		D		C	D	G	D	D	
	6,800pF (682)		D	D	D		C	D	G	D	D	
	0.010μF (103)		D		D		C	D	G	D	D	
	0.033μF (333)		G	G			C	G		D		
	0.047μF (473)		G				D	G		D		
	0.068μF (683)		G				G			K		
	0.10μF (104)		G				G			K		
	0.15μF (154)						M					
0.22μF (224)						M						
0.33μF (334)						M						
0.47μF (474)						M						

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 terminations.

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number	
Capacitor, 0603, NP0, 200V, 1.0pF	0603 (1608)	NP0 (COG)	1.0pF	±0.25pF	200V	Cu/Ni/Sn	MCCA000634	
Capacitor, 0603, NP0, 200V, 1.5pF			1.5pF				MCCA000635	
Capacitor, 0603, NP0, 200V, 2.2pF			2.2pF				MCCA000636	
Capacitor, 0603, NP0, 200V, 3.3pF			3.3pF				MCCA000637	
Capacitor, 0603, NP0, 200V, 4.7pF			4.7pF				MCCA000638	
Capacitor, 0603, NP0, 200V, 6.8pF			6.8pF				MCCA000639	
Capacitor, 0603, NP0, 200V, 10pF			10pF	±5%			MCCA000640	
Capacitor, 0603, NP0, 200V, 15pF			15pF				MCCA000641	
Capacitor, 0603, NP0, 200V, 22pF			22pF				MCCA000642	
Capacitor, 0603, NP0, 200V, 33pF			33pF				MCCA000643	
Capacitor, 0603, NP0, 200V, 47pF			47pF				MCCA000644	
Capacitor, 0603, NP0, 200V, 68pF			68pF				MCCA000645	
Capacitor, 0603, NP0, 200V, 100pF			100pF	±0.25pF			MCCA000646	
Capacitor, 0603, NP0, 200V, 150pF			150pF				MCCA000647	
Capacitor, 0603, NP0, 200V, 220pF			220pF				MCCA000648	
Capacitor, 0805, NP0, 200V, 1.0pF			0805 (2012)				NP0 (COG)	1.0pF
Capacitor, 0805, NP0, 200V, 1.5pF	1.5pF	MCCA000650						
Capacitor, 0805, NP0, 200V, 2.2pF	2.2pF	MCCA000651						
Capacitor, 0805, NP0, 200V, 3.3pF	3.3pF	MCCA000652						
Capacitor, 0805, NP0, 200V, 4.7pF	4.7pF	MCCA000653						
Capacitor, 0805, NP0, 200V, 6.8pF	6.8pF	MCCA000654						
Capacitor, 0805, NP0, 200V, 10pF	10pF	±5%		MCCA000655				
Capacitor, 0805, NP0, 500V, 1.0pF	1.0pF			MCCA000656				
Capacitor, 0805, NP0, 500V, 1.5pF	1.5pF			MCCA000657				
Capacitor, 0805, NP0, 500V, 2.2pF	2.2pF			MCCA000658				
Capacitor, 0805, NP0, 500V, 3.3pF	3.3pF			MCCA000659				
Capacitor, 0805, NP0, 500V, 4.7pF	4.7pF			MCCA000660				
Capacitor, 0805, NP0, 500V, 6.8pF	6.8pF	±0.25pF		MCCA000661				
Capacitor, 0805, NP0, 500V, 10pF	10pF			MCCA000662				
Capacitor, 0805, NP0, 500V, 15pF	15pF			MCCA000663				
Capacitor, 0805, NP0, 500V, 22pF	22pF			MCCA000664				
Capacitor, 0805, NP0, 500V, 33pF	33pF		MCCA000665					

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 0805, NP0, 500V, 47pF	0805 (2012)	NP0 (C0G)	47pF	±5%	500V	Cu/Ni/Sn	MCCA000666
Capacitor, 0805, NP0, 500V, 68pF			68pF				MCCA000667
Capacitor, 0805, NP0, 500V, 100pF			100pF				MCCA000668
Capacitor, 0805, NP0, 500V, 150pF			150pF				MCCA000669
Capacitor, 0805, NP0, 500V, 220pF			220pF				MCCA000670
Capacitor, 0805, NP0, 500V, 330pF			330pF				MCCA000671
Capacitor, 0805, X7R, 200V, 100pF		X7R	100pF	±10%	200V		MCCA000672
Capacitor, 0805, X7R, 200V, 150pF			150pF				MCCA000673
Capacitor, 0805, X7R, 200V, 15nF			15nF				MCCA000674
Capacitor, 0805, X7R, 200V, 22nF			22nF				MCCA000675
Capacitor, 1206, NP0, 200V, 1.5pF	1206 (3216)	NP0 (C0G)	1.5pF	±0.25pF			MCCA000676
Capacitor, 1206, NP0, 200V, 2.2pF			2.2pF				MCCA000677
Capacitor, 1206, NP0, 200V, 3.3pF			3.3pF				MCCA000678
Capacitor, 1206, NP0, 200V, 4.7pF			4.7pF				MCCA000679
Capacitor, 1206, NP0, 200V, 6.8pF			6.8pF				MCCA000680
Capacitor, 1206, NP0, 200V, 10pF			10pF	±5%			MCCA000681
Capacitor, 1206, NP0, 200V, 15pF			15pF		MCCA000682		
Capacitor, 1206, NP0, 200V, 22pF			22pF		MCCA000683		
Capacitor, 1206, NP0, 200V, 33pF			33pF		MCCA000684		
Capacitor, 1206, NP0, 200V, 47pF			47pF		MCCA000685		
Capacitor, 1206, NP0, 200V, 68pF		68pF	MCCA000686				
Capacitor, 1206, NP0, 200V, 100pF		100pF	MCCA000687				
Capacitor, 1206, NP0, 200V, 150pF		150pF	MCCA000688				
Capacitor, 1206, NP0, 200V, 220pF		220pF	MCCA000689				
Capacitor, 1206, NP0, 200V, 330pF		330pF	MCCA000690				
Capacitor, 1206, NP0, 200V, 470pF		470pF	MCCA000691				
Capacitor, 1206, NP0, 200V, 680pF		680pF	MCCA000692				
Capacitor, 1206, NP0, 200V, 1.5nF		1.5nF	MCCA000693				
Capacitor, 1206, NP0, 200V, 2.2nF		2.2nF	MCCA000694				
Capacitor, 1206, NP0, 630V, 1.5pF		1.5pF	±0.25pF	630V	MCCA000695		
Capacitor, 1206, NP0, 630V, 2.2pF	2.2pF	MCCA000696					
Capacitor, 1206, NP0, 630V, 3.3pF	3.3pF	MCCA000697					

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number	
Capacitor, 1206, NP0, 630V, 4.7pF	1206 (3216)	NP0 (C0G)	4.7pF	±0.25pF	630V	Cu/Ni/Sn	MCCA000698	
Capacitor, 1206, NP0, 630V, 6.8pF			6.8pF				MCCA000699	
Capacitor, 1206, NP0, 630V, 10pF			10pF	±5%			MCCA000700	
Capacitor, 1206, NP0, 630V, 15pF			15pF				MCCA000701	
Capacitor, 1206, NP0, 630V, 22pF			22pF				MCCA000702	
Capacitor, 1206, NP0, 630V, 33pF			33pF				MCCA000703	
Capacitor, 1206, NP0, 630V, 47pF			47pF				MCCA000704	
Capacitor, 1206, NP0, 630V, 68pF			68pF				MCCA000705	
Capacitor, 1206, NP0, 630V, 150pF			150pF				MCCA000706	
Capacitor, 1206, NP0, 630V, 220pF			220pF				MCCA000707	
Capacitor, 1206, NP0, 630V, 330pF			330pF				MCCA000708	
Capacitor, 1206, NP0, 630V, 470pF			470pF				MCCA000709	
Capacitor, 1206, NP0, 630V, 680pF			680pF	MCCA000710				
Capacitor, 1206, NP0, 630V, 1nF			1nF	MCCA000711				
Capacitor, 1206, NP0, 1000V, 1.5pF			1.5pF	±0.25pF			1000V	MCCA000712
Capacitor, 1206, NP0, 1000V, 2.2pF			2.2pF					MCCA000713
Capacitor, 1206, NP0, 1000V, 3.3pF			3.3pF		MCCA000714			
Capacitor, 1206, NP0, 1000V, 4.7pF			4.7pF		MCCA000715			
Capacitor, 1206, NP0, 1000V, 6.8pF			6.8pF		MCCA000716			
Capacitor, 1206, NP0, 1000V, 10pF			10pF		±5%			MCCA000717
Capacitor, 1206, NP0, 1000V, 15pF			15pF					MCCA000718
Capacitor, 1206, NP0, 1000V, 22pF			22pF					MCCA000719
Capacitor, 1206, NP0, 1000V, 33pF			33pF					MCCA000720
Capacitor, 1206, NP0, 1000V, 47pF			47pF					MCCA000721
Capacitor, 1206, NP0, 1000V, 68pF			68pF	MCCA000722				
Capacitor, 1206, NP0, 1000V, 100pF			100pF	MCCA000723				
Capacitor, 1206, NP0, 1000V, 150pF			150pF	MCCA000724				
Capacitor, 1206, NP0, 1000V, 220pF			220pF	MCCA000725				
Capacitor, 1206, NP0, 1000V, 330pF			330pF	MCCA000726				
Capacitor, 1206, NP0, 1000V, 470pF			470pF	MCCA000727				
Capacitor, 1206, NP0, 2000V, 1.5pF			1.5pF	±0.25pF	2000V		MCCA000728	
Capacitor, 1206, NP0, 2000V, 2.2pF			2.2pF				MCCA000729	

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number			
Capacitor, 1206, NP0, 2000V, 3.3pF	1206 (3216)	NP0 (C0G)	3.3pF	±0.25pF	2000V	Cu/Ni/Sn	MCCA000730			
Capacitor, 1206, NP0, 2000V, 4.7pF			4.7pF				MCCA000731			
Capacitor, 1206, NP0, 2000V, 6.8pF			6.8pF				MCCA000732			
Capacitor, 1206, NP0, 2000V, 10pF			10pF	MCCA000733						
Capacitor, 1206, NP0, 2000V, 15pF			15pF	MCCA000734						
Capacitor, 1206, NP0, 2000V, 22pF			22pF	MCCA000735						
Capacitor, 1206, NP0, 2000V, 33pF			33pF	MCCA000736						
Capacitor, 1206, NP0, 2000V, 47pF			47pF	±5%			MCCA000737			
Capacitor, 1206, NP0, 2000V, 68pF			68pF	MCCA000738						
Capacitor, 1206, NP0, 2000V, 100pF			100pF	MCCA000739						
Capacitor, 1206, NP0, 2000V, 150pF			150pF	MCCA000740						
Capacitor, 1206, NP0, 2000V, 220pF			220pF	MCCA000741						
Capacitor, 1206, X7R, 200V, 150pF			X7R				150pF	±10%	200V	MCCA000742
Capacitor, 1206, X7R, 200V, 220pF							220pF			MCCA000743
Capacitor, 1206, X7R, 200V, 330pF		330pF			MCCA000744					
Capacitor, 1206, X7R, 200V, 470pF		470pF			MCCA000745					
Capacitor, 1206, X7R, 200V, 680pF		680pF			MCCA000746					
Capacitor, 1206, X7R, 200V, 1nF		1nF			MCCA000747					
Capacitor, 1206, X7R, 200V, 1.5nF		1.5nF			MCCA000748					
Capacitor, 1206, X7R, 200V, 2.2nF		2.2nF			MCCA000749					
Capacitor, 1206, X7R, 200V, 3.3nF		3.3nF			MCCA000750					
Capacitor, 1206, X7R, 200V, 4.7nF		4.7nF			MCCA000751					
Capacitor, 1206, X7R, 200V, 6.8nF		6.8nF			MCCA000752					
Capacitor, 1206, X7R, 200V, 10nF		10nF			MCCA000753					
Capacitor, 1206, X7R, 200V, 33nF		33nF			MCCA000754					
Capacitor, 1206, X7R, 200V, 47nF		47nF			MCCA000755					
Capacitor, 1206, X7R, 200V, 68nF		68nF			MCCA000756					
Capacitor, 1206, X7R, 200V, 100nF		100nF			MCCA000757					
Capacitor, 1206, X7R, 630V, 150pF		150pF					630V			MCCA000758
Capacitor, 1206, X7R, 630V, 220pF		220pF								MCCA000759
Capacitor, 1206, X7R, 630V, 330pF		330pF	MCCA000760							
Capacitor, 1206, X7R, 630V, 470pF		470pF	MCCA000761							

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number			
Capacitor, 1206, X7R, 630V, 680pF	1206 (3216)	X7R	680pF	±10%	630V	Cu/Ni/Sn	MCCA000762			
Capacitor, 1206, X7R, 630V, 1.5nF			1.5nF				MCCA000763			
Capacitor, 1206, X7R, 630V, 3.3nF			3.3nF				MCCA000764			
Capacitor, 1206, X7R, 630V, 6.8nF			6.8nF				MCCA000765			
Capacitor, 1206, X7R, 630V, 15nF			15nF				MCCA000766			
Capacitor, 1206, X7R, 630V, 22nF			22nF				MCCA000767			
Capacitor, 1206, X7R, 630V, 33nF			33nF				MCCA000768			
Capacitor, 1206, X7R, 1000V, 150pF			150pF				MCCA000769			
Capacitor, 1206, X7R, 1000V, 220pF			220pF		MCCA000770					
Capacitor, 1206, X7R, 1000V, 330pF			330pF		MCCA000771					
Capacitor, 1206, X7R, 1000V, 470pF			470pF		MCCA000772					
Capacitor, 1206, X7R, 1000V, 680pF			680pF		MCCA000773					
Capacitor, 1206, X7R, 1000V, 1nF			1nF		MCCA000774					
Capacitor, 1206, X7R, 1000V, 1.5nF			1.5nF		MCCA000775					
Capacitor, 1206, X7R, 1000V, 2.2nF			2.2nF		MCCA000776					
Capacitor, 1206, X7R, 1000V, 3.3nF			3.3nF		MCCA000777					
Capacitor, 1206, X7R, 1000V, 4.7nF			4.7nF		MCCA000778					
Capacitor, 1206, X7R, 1000V, 6.8nF			6.8nF		MCCA000779					
Capacitor, 1206, X7R, 1000V, 10nF			10nF		MCCA000780					
Capacitor, 1206, X7R, 2000V, 150pF			150pF		MCCA000781					
Capacitor, 1206, X7R, 2000V, 220pF			220pF		MCCA000782					
Capacitor, 1206, X7R, 2000V, 330pF			330pF		MCCA000783					
Capacitor, 1206, X7R, 2000V, 470pF			470pF		MCCA000784					
Capacitor, 1206, X7R, 2000V, 680pF			680pF		MCCA000785					
Capacitor, 1206, X7R, 2000V, 1nF			1nF		MCCA000786					
Capacitor, 1210, NP0, 1000V, 10pF			1210 (3225)		NP0 (C0G)		10pF	±5%	1000V	MCCA000787
Capacitor, 1210, NP0, 1000V, 15pF							15pF			MCCA000788
Capacitor, 1210, NP0, 1000V, 22pF							22pF			MCCA000789
Capacitor, 1210, NP0, 1000V, 33pF	33pF	MCCA000790								
Capacitor, 1210, NP0, 1000V, 47pF	47pF	MCCA000791								
Capacitor, 1210, NP0, 1000V, 68pF	68pF	MCCA000792								
Capacitor, 1210, NP0, 1000V, 100pF	100pF	MCCA000793								

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 1210, NP0, 1000V, 150pF	1210 (3225)	NP0 (COG)	150pF	±5%	1000V	Cu/Ni/Sn	MCCA000794
Capacitor, 1210, NP0, 1000V, 220pF			220pF				MCCA000795
Capacitor, 1210, NP0, 1000V, 330pF			330pF				MCCA000796
Capacitor, 1210, NP0, 1000V, 470pF			470pF				MCCA000797
Capacitor, 1210, NP0, 2000V, 10pF			10pF				MCCA000798
Capacitor, 1210, NP0, 2000V, 15pF			15pF				MCCA000799
Capacitor, 1210, NP0, 2000V, 22pF			22pF		MCCA000800		
Capacitor, 1210, NP0, 2000V, 33pF			33pF		MCCA000801		
Capacitor, 1210, NP0, 2000V, 47pF			47pF		MCCA000802		
Capacitor, 1210, NP0, 2000V, 68pF			68pF		MCCA000803		
Capacitor, 1210, NP0, 2000V, 100pF			100pF		MCCA000804		
Capacitor, 1210, NP0, 2000V, 150pF			150pF		MCCA000805		
Capacitor, 1210, NP0, 2000V, 220pF			220pF		MCCA000806		
Capacitor, 1210, X7R, 200V, 1nF			X7R		±10%		1nF
Capacitor, 1210, X7R, 200V, 1.5nF		1.5nF		MCCA000808			
Capacitor, 1210, X7R, 200V, 2.2nF		2.2nF		MCCA000809			
Capacitor, 1210, X7R, 200V, 3.3nF		3.3nF		MCCA000810			
Capacitor, 1210, X7R, 200V, 4.7nF		4.7nF		MCCA000811			
Capacitor, 1210, X7R, 200V, 6.8nF		6.8nF		MCCA000812			
Capacitor, 1210, X7R, 200V, 10nF		10nF		MCCA000813			
Capacitor, 1210, X7R, 200V, 15nF		15nF		MCCA000814			
Capacitor, 1210, X7R, 200V, 22nF		22nF		MCCA000815			
Capacitor, 1210, X7R, 200V, 33nF		33nF		MCCA000816			
Capacitor, 1210, X7R, 200V, 47nF		47nF		MCCA000817			
Capacitor, 1210, X7R, 200V, 68nF		68nF		MCCA000818			
Capacitor, 1210, X7R, 200V, 100nF		100nF		MCCA000819			
Capacitor, 1210, X7R, 200V, 150nF	150nF	MCCA000820					
Capacitor, 1210, X7R, 200V, 220nF	220nF	MCCA000821					
Capacitor, 1210, X7R, 200V, 330nF	330nF	MCCA000822					
Capacitor, 1210, X7R, 200V, 470nF	470nF	MCCA000823					
Capacitor, 1210, X7R, 630V, 1nF	1nF	630V		MCCA000824			
Capacitor, 1210, X7R, 630V, 1.5nF	1.5nF		MCCA000825				
Capacitor, 1210, X7R, 630V, 2.2nF	2.2nF		MCCA000826				

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 1210, X7R, 630V, 3.3nF	1210 (3225)	X7R	3.3nF	±10%	630V	Cu/Ni/Sn	MCCA000827
Capacitor, 1210, X7R, 630V, 4.7nF			4.7nF				MCCA000828
Capacitor, 1210, X7R, 630V, 6.8nF			6.8nF				MCCA000829
Capacitor, 1210, X7R, 630V, 10nF			10nF				MCCA000830
Capacitor, 1210, X7R, 630V, 15nF			15nF				MCCA000831
Capacitor, 1210, X7R, 630V, 22nF			22nF				MCCA000832
Capacitor, 1210, X7R, 630V, 33nF			33nF				MCCA000833
Capacitor, 1210, X7R, 630V, 47nF			47nF				MCCA000834
Capacitor, 1210, X7R, 1000V, 1nF			1nF		MCCA000835		
Capacitor, 1210, X7R, 1000V, 1.5nF			1.5nF		MCCA000836		
Capacitor, 1210, X7R, 1000V, 2.2nF			2.2nF		MCCA000837		
Capacitor, 1210, X7R, 1000V, 3.3nF			3.3nF		MCCA000838		
Capacitor, 1210, X7R, 1000V, 4.7nF			4.7nF		MCCA000839		
Capacitor, 1210, X7R, 1000V, 6.8nF			6.8nF		MCCA000840		
Capacitor, 1210, X7R, 1000V, 10nF			10nF		MCCA000841		
Capacitor, 1812, NP0, 1000V, 15pF			1812 (4532)		NP0 (COG)		15pF
Capacitor, 1812, NP0, 1000V, 22pF	22pF	MCCA000843					
Capacitor, 1812, NP0, 1000V, 33pF	33pF	MCCA000844					
Capacitor, 1812, NP0, 1000V, 47pF	47pF	MCCA000845					
Capacitor, 1812, NP0, 1000V, 68pF	68pF	MCCA000846					
Capacitor, 1812, NP0, 1000V, 100pF	100pF	MCCA000847					
Capacitor, 1812, NP0, 1000V, 150pF	150pF	MCCA000848					
Capacitor, 1812, NP0, 1000V, 220pF	220pF	MCCA000849					
Capacitor, 1812, NP0, 1000V, 330pF	330pF	MCCA000850					
Capacitor, 1812, NP0, 1000V, 470pF	470pF	MCCA000851					
Capacitor, 1812, NP0, 1000V, 680pF	680pF	MCCA000852					
Capacitor, 1812, NP0, 1000V, 1nF	1nF	MCCA000853					
Capacitor, 1812, NP0, 1000V, 1.5nF	1.5nF	MCCA000854					
Capacitor, 1812, NP0, 3000V, 10pF	10pF	MCCA000855					
Capacitor, 1812, NP0, 3000V, 15pF	15pF	MCCA000856					
Capacitor, 1812, NP0, 3000V, 22pF	22pF	MCCA000857					
Capacitor, 1812, NP0, 3000V, 33pF	33pF	MCCA000858					
Capacitor, 1812, NP0, 3000V, 47pF	47pF	MCCA000859					

Part Number Table

Description	Size Inch (mm)	Dielectric	Capacitance	Tolerance	Rated Voltage (VDC)	Termination	Part Number
Capacitor, 1812, NP0, 3000V, 68pF	1812 (4532)	NP0 (COG)	68pF	±5%	3000V	Cu/Ni/Sn	MCCA000860
Capacitor, 1812, NP0, 3000V, 100pF			100pF				MCCA000861
Capacitor, 1812, NP0, 3000V, 150pF			150pF				MCCA000862
Capacitor, 1812, NP0, 3000V, 220pF			220pF				MCCA000863
Capacitor, 1812, NP0, 3000V, 330pF			330pF				MCCA000864
Capacitor, 1812, NP0, 3000V, 470pF			470pF				MCCA000865
Capacitor, 1812, X7R, 630V, 1nF			1nF				MCCA000866
Capacitor, 1812, X7R, 630V, 1.5nF		1.5nF	MCCA000867				
Capacitor, 1812, X7R, 630V, 2.2nF		2.2nF	MCCA000868				
Capacitor, 1812, X7R, 630V, 3.3nF		3.3nF	MCCA000869				
Capacitor, 1812, X7R, 630V, 4.7nF		4.7nF	MCCA000870				
Capacitor, 1812, X7R, 630V, 6.8nF		6.8nF	MCCA000871				
Capacitor, 1812, X7R, 630V, 10nF		10nF	MCCA000872				
Capacitor, 1812, X7R, 630V, 15nF		15nF	MCCA000873				
Capacitor, 1812, X7R, 630V, 22nF		22nF	MCCA000874				
Capacitor, 1812, X7R, 630V, 33nF		33nF	MCCA000875				
Capacitor, 1812, X7R, 630V, 47nF		47nF	MCCA000876				
Capacitor, 1812, X7R, 630V, 68nF		68nF	MCCA000877				
Capacitor, 1812, X7R, 630V, 100nF		100nF	MCCA000878				
Capacitor, 1812, X7R, 1000V, 330pF		330pF	±10%	1000V	MCCA000879		
Capacitor, 1812, X7R, 1000V, 470pF		470pF	MCCA000880				
Capacitor, 1812, X7R, 1000V, 680pF		680pF	MCCA000881				
Capacitor, 1812, X7R, 1000V, 1nF		1nF	MCCA000882				
Capacitor, 1812, X7R, 1000V, 1.5nF		1.5nF	MCCA000883				
Capacitor, 1812, X7R, 1000V, 2.2nF		2.2nF	MCCA000884				
Capacitor, 1812, X7R, 1000V, 3.3nF		3.3nF	MCCA000885				
Capacitor, 1812, X7R, 1000V, 4.7nF		4.7nF	MCCA000886				
Capacitor, 1812, X7R, 1000V, 6.8nF		6.8nF	MCCA000887				
Capacitor, 1812, X7R, 1000V, 10nF		10nF	MCCA000888				
Capacitor, 1812, X7R, 1000V, 15nF		15nF	MCCA000889				
Capacitor, 1812, X7R, 3000V, 680pF		680pF	±10%	3000V	MCCA000890		
Capacitor, 1812, X7R, 3000V, 1nF		1nF			MCCA000891		

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