

Surface Mount Chip Capacitors

High Voltage 250Vdc - 5kVdc

Ultra-stable Dielectric

COG

Capacitance	Code	0603	0805	1206	1210	1808	1812
0.47pF	p47	250V					
0.56	p56						
0.68	p68						
0.82	p82						
1.0	1p0						
1.2	1p2						
1.5	1p5						
1.8	1p8						
2.2	2p2						
2.7	2p7						
3.3	3p3						
3.9	3p9						
4.7	4p7						
5.6	5p6						
6.8	6p8						
8.2	8p2						
10	100						
12	120						
15	150						
18	180						
22	220						
27	270						
33	330						
39	390						
47	470						
56	560						
68	680						
82	820						
100	101						
120	121						
150	151						
180	181						
220	221						
270	271						
330	331						
390	391						
470	471						
560	561						
680	681						
820	821						
1.0nF	102						
1.2	122						
1.5	152						
1.8	182						
2.2	222						
2.7	272						
3.3	332						
3.9	392						
4.7	472						
5.6	562						
6.8	682						
8.2	822						
10	103						
12	123						
15	153						
18	183						
22	223						
27	273						
33	333						
39	393						
47	473						
56	563						
68	683						
82	823						
Max. Chip Thickness		0.8mm 0.031"	1.3mm 0.051"	1.6mm 0.063"	2.0mm 0.07"	2.0mm 0.08"	250V 1.8mm 0.07" > 250V 2.5mm 0.1"
Reel Qty.	178mm (7") 330mm (13")	4000 16000	3000 12000	2500 10000	2000 8000	1500 8000	1000 4000

notes

1. For details of ordering see page 12.
2. We reserve the right to supply reeled quantities commensurate with Chip thickness. Refer to Sales Office.

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COG

Capacitance	Code	2220	2225	3640	5550	8060		
1.0pF	1p0							
1.2	1p2							
1.5	1p5							
1.8	1p8							
2.2	2p2							
2.7	2p7							
3.3	3p3							
3.9	3p9							
4.7	4p7							
5.6	5p6							
6.8	6p8							
8.2	8p2							
10	100	250V	250V	500V				
12	120	500V	500V	1KV				
15	150	630V	630V	2KV				
18	180	1KV	1KV	3KV				
22	220	2KV	2KV	4KV				
27	270	3KV	3KV	5KV				
33	330							
39	390							
47	470							
56	560							
68	680							
82	820							
100	101							
120	121							
150	151							
180	181							
220	221							
270	271							
330	331							
390	391							
470	471							
560	561							
680	681							
820	821							
1.0nF	102				500V	500V		
1.2	122				1KV	1KV		
1.5	152				2KV	2KV		
1.8	182				3KV	3KV		
2.2	222				4KV	4KV		
2.7	272				5KV	5KV		
3.3	332							
3.9	392							
4.7	472							
5.6	562							
6.8	682							
8.2	822							
10	103							
12	123							
15	153							
18	183							
22	223							
27	273							
33	333							
39	393							
47	473							
56	563							
68	683							
82	823							
100	104							
120	124							
150	154							
180	184							
Max. Chip Thickness		250V 1.8mm 0.07"	>250V 2.5mm 0.1"	250V 1.8mm 0.07"	>250V 2.5mm 0.1"	2.5mm 0.1"	2.5mm 0.1"	2.5mm 0.1"
Reel Qty.	178mm (7") 330mm (13")	1000 4000	1000 4000	n/a n/a	n/a n/a	n/a n/a		

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High Voltage 250Vdc - 5kVdc

Stable Dielectric

X7R

Capacitance	Code	0603		0805		1206				1210				1808				1812			
10pF	100																				
12	120																				
15	150																				
18	180																				
22	220																				
27	270																				
33	330																				
39	390																				
47	470																				
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82	820																				
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180	181																				
220	221																				
270	271																				
330	331																				
390	391																				
470	471																				
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1.0nF	102																				
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120	124																				
150	154																				
180	184																				
220	224																				
270	274																				
330	334																				
390	394																				
470	474																				
560	564																				
680	684																				
820	824																				
1.0µF	105																				
1.2	125																				
1.5	155																				
1.8	185																				
2.2	225																				
2.7	275																				
3.3	335																				
3.9	395																				
4.7	475																				
5.6	565																				
6.8	685																				
8.2	825																				
10	106																				
Max. Chip Thickness		0.8mm 0.031"	1.3mm 0.051"	1.6mm 0.063"	250V 1.8mm 0.07"	>250V 2.0mm 0.08"	2.0mm 0.08"	250V 1.8mm 0.07"	>250V 2.5mm 0.1"												
Reel Qty.	178mm (7") 330mm (13")	4000 16000	3000 12000	2500 10000	2000 8000	1500 8000	1000 4000														

X7R

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10pF	100							
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1.0nF	102							
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1.0µF	105							
1.2	125							
1.5	155							
1.8	185							
2.2	225							
2.7	275							
3.3	335							
3.9	395							
4.7	475							
5.6	565							
6.8	685							
8.2	825							
10	106							
		250V	>250V	250V	>250V			
Max. Chip Thickness		1.8mm 0.07"	2.5mm 0.1"	1.8mm 0.07"	2.5mm 0.1"	2.5mm 0.1"	2.5mm 0.1"	2.5mm 0.1"
Reel Qty.	178mm (7") 330mm (13")	1000 4000		1000 4000		n/a n/a	n/a n/a	n/a n/a

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