



Holy Stone Enterprise Co., Ltd.

CERAMIC CAPACITOR CATALOG

SCC Series

Commerical grade

Safety Capacitors

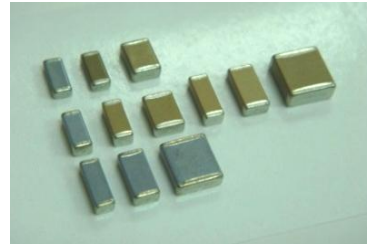
X2 , X1Y2

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Multilayer Ceramic Chip Capacitors [Safety Capacitors – X2 and X1/Y2]

SCC Series Rated up to 305Vac



The SCC series X2 and X1/Y2 rated at 250Vrms and X2 rated at 305Vrms safety capacitors are designed specifically for use in modem, facsimile, telephone and other electronic equipment. These parts are compliant to , IEC60384-14 and UL60950-1 and UL60384-14 standards. These capacitors are available in NP0 (COG) and X7R dielectrics.

◆ Features

- ❑ Small size & high capacitance
- ❑ Suitable for reflow soldering
- ❑ Surface mount
- ❑ Safety standard approval by IEC60384-14 and UL 60950-1 and UL60384-14
- ❑ RoHS compliant and Lead(Pb) free option
- ❑ Certified to:
TUV R50005234, R50103496 & UL E229738
TUV R50162550 & UL E300818
& UL E229738 for Lead(Pb) free

◆ Applications

- ❑ The X2 and X1/Y2 (250Vrms) and X2- (305Vrms) are specially designed for use in Modem, Facsimile, Telephone and other telecommunication equipment, electronic equipment for lighting and surge protection, EMI filtering and Isolation.

◆ Safety Details of Specifications

IEC 60384-14 : 2013, 4 th Edition	Meets the electrical requirements and certification for equipment requiring Class X1/Y2 and X2 devices.
EN 60384-14 : 2013, 4 th Edition	
UL 60384-14 : 2014, 2 nd Edition	Component certified for equipment requiring UL-60384-14 compliance
UL 60950-1 : 2007, 2 nd Edition	TNV/SELV isolation capacitors certified To UL 60950-1

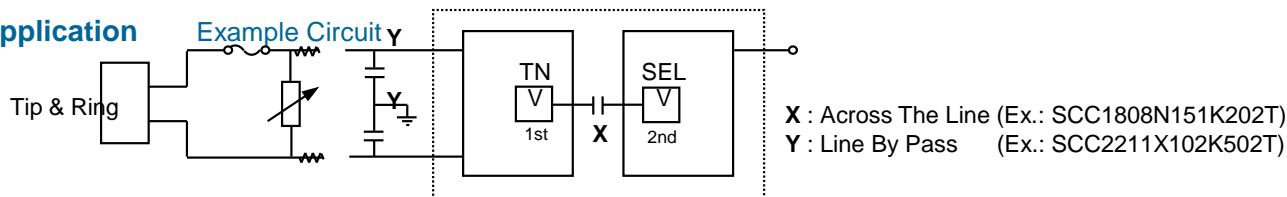
◆ How To Order

SCC	1808	X	102	K	502	T	S
Product Code SCC: Safety Approved MLCC	Chip Size Ex.: 1808 1812 2208 2211 2220 2825	Dielectric Ex.: N: NP0 X: X7R	Capacitance Unit : pF Ex.: 2R0:2.0pF 100:10×10 ⁰ 471:47×10 ¹ 182:18×10 ²	Tolerance Ex.: J :+/-5% K :+/-10% M :+/-20%	Class Ex.: 202: X2 252 :X2 (305Vrms) 502: X1/Y2 602: X1/Y2 for SCC2208N, SCC2211N, SCC2220N	Packaging T: T/R 7" R: T/R 13" B: Bulk	Special Requirement Ex.: S: Arc Prevention Coating X: Polymer Termination (Super Term) Z: Arc Prevention Coating & Polymer Termination (Super Term) G: Lead (Pb) Free

◆ Summary of Specifications

Rated Voltage	AC 250Vrms and AC 305Vrms
Temperature Coefficient	NP0: <math>< 30\text{ppm}/^{\circ}\text{C}</math> , $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (EIA Class I) X7R : <math>< \pm 15\%</math> , $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (EIA Class II)
Capacitance Range	X1/Y2 : 2.0pF ~ 4700pF X2 – 250Vrms : 2pF ~ 56nF X2 – 305Vrms : 150pF ~ 33nF
Quality and Dissipation Factor	NP0: $Q \geq 1000$, X7R : D.F. $\leq 2.5\%$
Climatic Category	55/125/21
Insulation Resistance	10GΩ
Voltage Proof	X Capacitor : Applied Voltage 1075Vdc(4.3Ur),1312Vdc(4.3Ur) Y Capacitor : Applied Voltage 1500Vac
Impulse	X2 : 2.5KV , Y2 : 5KV for three times
Aging	NP0: 0 % , X7R: 1.0 % per decade hr., typical

◆ Application



◆ Capacitance Range

250Vrms

Class	Size	Temperature Characteristic	Rated Voltage	Certificate	Capacitance Range																																			
					2R0	5R0	6R8	8R2	100	120	150	180	220	270	330	360	390	470	560	680	820	10	121	131	151	181	221	271	33	391	471	561	681	821	102	122	152	182	222	272
X2	1808	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	1808	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	1812	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
X1/Y2	1808	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	1808	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	1812	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	1812	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	2208	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	2208	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	2211	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	2211	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
	2220	NP0	250Vrms	TUV/UL	[Grid with blue cells for values 2R0-472]																																			
2220	X7R	250Vrms	TUV/UL	[Grid with 'X' marks for values 102-472]																																				
Class	Size	Temperature Characteristic	Rated Voltage	Certificated	Capacitance Range																																			
					101	121	131	151	181	221	271	331	391	471	561	681	821	102	122	132	152	182	222	272	332	392	472	562	682	822	103	123	133	153	183	223	273	333	393	473
X2	2220	X7R	250Vrms	TUV/UL	[Grid with blue cells for values 101-472]																																			
	2825	X7R	250Vrms	UL	[Grid with blue cells for values 101-472]																																			

'X' denotes values that have been tested to a rated voltage of 305Vac. TUV test report number 28208004 dated 27th May 2010

305Vrms

Class	Size	Temperature Characteristic	Rated Voltage	Certificated	Capacitance Range																																												
					100	120	150	180	220	270	330	360	390	470	560	680	820	101	121	131	151	181	221	271	331	391	471	561	681	821	102	122	132	152	182	222	272	332	392	472	562	682	822	103	123	133	153	183	223
X2	2220	X7R	305Vrms	TUV/UL	[Grid with blue cells for values 100-563]																																												

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X1/Y2 250Vrms	X1/Y2 250Vrms 2208N, 2211N, 2220N
2R0 (2pF)	1808	D/1.25+-0.15mm	J	SCC1808N2R0J202T		
		F/2.0+-0.2mm	J	SCC1808N2R0J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N2R0J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N2R0J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N2R0J602T		
5R0 (5pF)	1808	D/1.25+-0.15mm	J	SCC1808N5R0J202T		
		F/2.0+-0.2mm	J	SCC1808N5R0J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N5R0J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N5R0J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N5R0J602T		
6R8 (6.8pF)	1808	D/1.25+-0.15mm	J	SCC1808N6R8J202T		
		F/2.0+-0.2mm	J	SCC1808N6R8J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N6R8J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N6R8J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N6R8J602T		
8R2 (8.2pF)	1808	D/1.25+-0.15mm	J	SCC1808N8R2J202T		
		F/2.0+-0.2mm	J	SCC1808N8R2J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N8R2J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N8R2J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N8R2J602T		
100 (10pF)	1808	D/1.25+-0.15mm	J	SCC1808N100J202T		
		F/2.0+-0.2mm	J	SCC1808N100J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N100J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N100J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N100J602T		
120 (10pF)	1808	D/1.25+-0.15mm	J	SCC1808N120J202T		
		F/2.0+-0.2mm	J	SCC1808N120J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N120J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N120J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N120J602T		
150 (15pF)	1808	D/1.25+-0.15mm	J	SCC1808N150J202T		
		F/2.0+-0.2mm	J	SCC1808N150J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N150J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N150J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N150J602T		
2220	D/1.25+-0.15mm	J	SCC2220N150J602T			

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X1/Y2 250Vrms	X1/Y2 250Vrms 2208N, 2211N, 2220N
180 (18pF)	1808	D/1.25+-0.15mm	J	SCC1808N180J202T		
		F/2.0+-0.2mm	J		SCC1808N180J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N180J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N180J602T
	2211	D/1.25+-0.15mm	J			SCC2211N180J602T
	2220	D/1.25+-0.15mm	J			SCC2220N180J602T
220 (22pF)	1808	D/1.25+-0.15mm	J	SCC1808N220J202T		
		F/2.0+-0.2mm	J		SCC1808N220J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N220J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N220J602T
	2211	D/1.25+-0.15mm	J			SCC2211N220J602T
	2220	D/1.25+-0.15mm	J			SCC2220N220J602T
270 (27pF)	1808	D/1.25+-0.15mm	J	SCC1808N270J202T		
		F/2.0+-0.2mm	J		SCC1808N270J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N270J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N270J602T
	2211	D/1.25+-0.15mm	J			SCC2211N270J602T
	2220	D/1.25+-0.15mm	J			SCC2220N270J602T
330 (33pF)	1808	D/1.25+-0.15mm	J	SCC1808N330J202T		
		F/2.0+-0.2mm	J		SCC1808N330J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N330J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N330J602T
	2211	D/1.25+-0.15mm	J			SCC2211N330J602T
	2220	E/1.6+-0.2mm	J			SCC2220N330J602T
360 (36pF)	1808	D/1.25+-0.15mm	J	SCC1808N360J202T		
		F/2.0+-0.2mm	J		SCC1808N360J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N360J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N360J602T
	2211	D/1.25+-0.15mm	J			SCC2211N360J602T
	2220	E/1.6+-0.2mm	J			SCC2220N360J602T
390 (39pF)	1808	D/1.25+-0.15mm	J	SCC1808N390J202T		
		F/2.0+-0.2mm	J		SCC1808N390J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N390J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N390J602T
	2211	D/1.25+-0.15mm	J			SCC2211N390J602T
	2220	E/1.6+-0.2mm	J			SCC2220N390J602T
470 (47pF)	1808	D/1.25+-0.15mm	J	SCC1808N470J202T		
		F/2.0+-0.2mm	J		SCC1808N470J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N470J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N470J602T
	2211	D/1.25+-0.15mm	J			SCC2211N470J602T
	2220	E/1.6+-0.2mm	J			SCC2220N470J602T
560 (56pF)	1808	D/1.25+-0.15mm	J	SCC1808N560J202T		
		F/2.0+-0.2mm	J		SCC1808N560J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N560J502T	
	2208	D/1.25+-0.15mm	J			SCC2208N560J602T
	2211	D/1.25+-0.15mm	J			SCC2211N560J602T
	2220	E/1.6+-0.2mm	J			SCC2220N560J602T

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X1/Y2 250Vrms	X1/Y2 250Vrms 2208N, 2211N, 2220N
680 (68pF)	1808	D/1.25+-0.15mm	J	SCC1808N680J202T		
		F/2.0+-0.2mm	J	SCC1808N680J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N680J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N680J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N680J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N680J602T		
820 (82pF)	1808	D/1.25+-0.15mm	J	SCC1808N820J202T		
		F/2.0+-0.2mm	J	SCC1808N820J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N820J502T		
	2208	D/1.25+-0.15mm	J	SCC2208N820J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N820J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N820J602T		
101 (100pF)	1808	D/1.25+-0.15mm	J	SCC1808N101J202T		
		F/2.0+-0.2mm	J	SCC1808N101J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N101J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N101J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N101J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N101J602T		
121 (120pF)	1808	D/1.25+-0.15mm	J	SCC1808N121J202T		
		E/1.6+-0.2mm	J	SCC1808N121J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N121J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N121J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N121J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N121J602T		
131 (130pF)	1808	D/1.25+-0.15mm	J	SCC1808N131J202T		
		E/1.6+-0.2mm	J	SCC1808N131J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N131J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N131J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N131J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N131J602T		
151 (150pF)	1808	D/1.25+-0.15mm	J	SCC1808N151J202T		
		E/1.6+-0.2mm	J	SCC1808N151J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N151J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N151J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N151J602T		
	2220	E/1.6+-0.2mm	J	SCC2220N151J602T		
181 (180pF)	1808	D/1.25+-0.15mm	J	SCC1808N181J202T		
		E/1.6+-0.2mm	J	SCC1808N181J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N181J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N181J602T		
	2211	D/1.25+-0.15mm	J	SCC2211N181J602T		
	2220	F/2.0+-0.2mm	J	SCC2220N181J602T		
221 (220pF)	1808	D/1.25+-0.15mm	J	SCC1808N221J202T		
		E/1.6+-0.2mm	J	SCC1808N221J502T		
	1812	F/2.0+-0.2mm	J	SCC1812N221J502T		
	2208	E/1.6+-0.2mm	J	SCC2208N221J602T		
	2211	E/1.6+-0.2mm	J	SCC2211N221J602T		
	2220	F/2.0+-0.2mm	J	SCC2220N221J602T		

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X1/Y2 250Vrms	X1/Y2 250Vrms 2208N, 2211N, 2220N
271 (270pF)	1808	D/1.25+-0.15mm	J	SCC1808N271J202T		
		E/1.6+-0.2mm	J		SCC1808N271J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N271J502T	
	2208	E/1.6+-0.2mm	J			SCC2208N271J602T
	2211	E/1.6+-0.2mm	J			SCC2211N271J602T
	2220	F/2.0+-0.2mm	J			SCC2220N271J602T
331 (330pF)	1808	D/1.25+-0.15mm	J	SCC1808N331J202T		
		E/1.6+-0.2mm	J		SCC1808N331J502T	
	1812	F/2.0+-0.2mm	J		SCC1812N331J502T	
	2208	E/1.6+-0.2mm	J			SCC2208N331J602T
	2211	E/1.6+-0.2mm	J			SCC2211N331J602T
	2220	F/2.0+-0.2mm	J			SCC2220N331J602T
391 (390pF)	1808	F/2.0+-0.2mm	J	SCC1808N391J202T		
	1812	F/2.0+-0.2mm	J		SCC1812N391J502T	
	2211	E/1.6+-0.2mm	J			SCC2211N391J602T
	2220	F/2.0+-0.2mm	J			SCC2220N391J602T
471 (470pF)	1808	F/2.0+-0.2mm	J	SCC1808N471J202T		
	1812	F/2.0+-0.2mm	J		SCC1812N471J502T	
	2208	E/1.6+-0.2mm	J			SCC2211N471J602T
	2211	E/1.6+-0.2mm	J			SCC2211N471J602T
	2220	F/2.0+-0.2mm	J			SCC2220N471J602T
561 (560pF)	1808	F/2.0+-0.2mm	J	SCC1808N561J202T		
	1812	F/2.0+-0.2mm	J		SCC1812N561J502T	
	2211	F/2.0+-0.2mm	J			SCC2211N561J602T
	2220	F/2.0+-0.2mm	J			SCC2220N561J602T
681 (680pF)	1808	F/2.0+-0.2mm	J	SCC1808N681J202T		
	1812	F/2.0+-0.2mm	J		SCC1812N681J502T	
	2211	F/2.0+-0.2mm	J			SCC2211N681J602T
	2220	F/2.0+-0.2mm	J			SCC2220N681J602T
821 (820pF)	1808	F/2.0+-0.2mm	J	SCC1808N821J202T		
	2211	G/2.4+-0.2mm	J			SCC2211N821J602T
	2220	F/2.0+-0.2mm	J			SCC2220N821J602T
102 (1nF)	1808	F/2.0+-0.2mm	J	SCC1808N102J202T		
	1812	F/2.0+-0.2mm	J			SCC2211N102J602T
	2211	H/2.8+-0.2mm	J			SCC2211N102J602T
	2220	F/2.0+-0.2mm	J			SCC2220N102J602T
122 (1.2nF)	2220	F/2.0+-0.2mm	J			SCC2220N122J602T

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X2 305Vrms	X1/Y2 250Vrms
360 (36pF)	2208	D/1.25+-0.15mm	K			SCC2208X360K502T
390 (39pF)	2208	D/1.25+-0.15mm	K			SCC2208X390K502T
470 (47pF)	2208	D/1.25+-0.15mm	K			SCC2208X470K502T
	2211	D/1.25+-0.15mm	K			SCC2211N470K502T
	2220	D/1.25+-0.15mm	K			SCC2220N470K502T
560 (56pF)	2208	D/1.25+-0.15mm	K			SCC2208X560K502T
680 (68pF)	2208	D/1.25+-0.15mm	K			SCC2208X680K502T
	2211	D/1.25+-0.15mm	K			SCC2211X680K502T
820 (82pF)	2208	D/1.25+-0.15mm	K			SCC2208X820K502T
	2211	D/1.25+-0.15mm	K			SCC2211X820K502T
101 (100pF)	2208	D/1.25+-0.15mm	K			SCC2208X101K502T
	2211	D/1.25+-0.15mm	K			SCC2211X101K502T
	2220	D/1.25+-0.15mm	K			SCC2220X101K502T
121 (120pF)	2208	D/1.25+-0.15mm	K			SCC2208X121K502T
	2211	D/1.25+-0.15mm	K			SCC2211X121K502T
	2220	D/1.25+-0.15mm	K			SCC2220X121K502T
131 (130pF)	1812	F/2.0+-0.2mm	K			
	2208	D/1.25+-0.15mm	K			SCC2208X131K502T
	2211	D/1.25+-0.15mm	K			SCC2211X131K502T
	2220	D/1.25+-0.15mm	K			SCC2220X131K502T
151 (150pF)	1808	D/1.25+-0.15mm	K	SCC1808X151K202T		SCC1808X151K502T
	1812	D/1.25+-0.15mm	K			SCC1812X151K502T
	2208	D/1.25+-0.15mm	K			SCC2208X151K502T
	2211	D/1.25+-0.15mm	K			SCC2211X151K502T
	2220	D/1.25+-0.15mm	K	SCC2220X151K202T	SCC2220X151K252T	SCC2220X151K502T
181 (180pF)	1808	D/1.25+-0.15mm	K	SCC1808X181K202T		SCC1808X181K502T
	1812	D/1.25+-0.15mm	K			SCC1812X181K502T
	2208	D/1.25+-0.15mm	K			SCC2208X181K502T
	2211	D/1.25+-0.15mm	K			SCC2211X181K502T
	2220	D/1.25+-0.15mm	K	SCC2220X181K202T	SCC2220X181K252T	SCC2220X181K502T
221 (220pF)	1808	D/1.25+-0.15mm	K	SCC1808X221K202T		SCC1808X221K502T
	1812	D/1.25+-0.15mm	K			SCC1812X221K502T
	2208	D/1.25+-0.15mm	K			SCC2208X221K502T
	2211	D/1.25+-0.15mm	K			SCC2211X221K502T
	2220	D/1.25+-0.15mm	K	SCC2220X221K202T	SCC2220X221K252T	SCC2220X221K502T
271 (270pF)	1808	D/1.25+-0.15mm	K	SCC1808X271K202T		SCC1808X271K502T
	1812	D/1.25+-0.15mm	K			SCC1812X271K502T
	2208	D/1.25+-0.15mm	K			SCC2208X271K502T
	2211	D/1.25+-0.15mm	K			SCC2211X271K502T
	2220	D/1.25+-0.15mm	K	SCC2220X271K202T	SCC2220X271K252T	SCC2220X271K502T

Cap.	Size	Thickness	Cap. Tol.	Catalog Number		
				X2 250Vrms	X2 305Vrms	X1/Y2 250Vrms
331 (330pF)	1808	D/1.25+-0.15mm	K	SCC1808X331K202T		SCC1808X331K502T
	1812	D/1.25+-0.15mm	K	SCC1812X331K202T		SCC1812X331K502T
	2208	D/1.25+-0.15mm	K			SCC2208X331K502T
	2211	D/1.25+-0.15mm	K			SCC2211X331K502T
	2220	D/1.25+-0.15mm	K	SCC2220X331K202T	SCC2220X331K252T	SCC2220X331K502T
391 (390pF)	1808	D/1.25+-0.15mm	K	SCC1808X391K202T		
		E/1.6+-0.2mm	K			SCC1808X391K502T
	1812	D/1.25+-0.15mm	K	SCC1812X391K202T		SCC1812X391K502T
	2208	D/1.25+-0.15mm	K			SCC2208X391K502T
	2211	D/1.25+-0.15mm	K			SCC2211X391K502T
	2220	D/1.25+-0.15mm	K	SCC2220X391K202T	SCC2220X391K252T	SCC2220X391K502T
471 (470pF)	1808	D/1.25+-0.15mm	K	SCC1808X471K202T		
		E/1.6+-0.2mm	K			SCC1808X471K502T
	1812	D/1.25+-0.15mm	K	SCC1812X471K202T		SCC1812X471K502T
	2208	D/1.25+-0.15mm	K			SCC2208X471K502T
	2211	D/1.25+-0.15mm	K			SCC2211X471K502T
	2220	D/1.25+-0.15mm	K	SCC2220X471K202T	SCC2220X471K252T	SCC2220X471K502T
561 (560pF)	1808	D/1.25+-0.15mm	K	SCC1808X561K202T		
		E/1.6+-0.2mm	K			SCC1808X561K502T
	1812	D/1.25+-0.15mm	K	SCC1812X561K202T		SCC1812X561K502T
		E/1.6+-0.2mm	K			SCC1812X561K502T
	2208	D/1.25+-0.15mm	K			SCC2208X561K502T
	2211	D/1.25+-0.15mm	K			SCC2211X561K502T
	2220	D/1.25+-0.15mm	K	SCC2220X561K202T	SCC2220X561K252T	SCC2220X561K502T
681 (680pF)	1808	D/1.25+-0.15mm	K	SCC1808X681K202T		
		F/2.0+-0.2mm	K			SCC1808X681K502T
	1812	D/1.25+-0.15mm	K	SCC1812X681K202T		SCC1812X681K502T
		E/1.6+-0.2mm	K			SCC1812X681K502T
	2208	E/1.6+-0.2mm	K			SCC2208X681K502T
	2211	D/1.25+-0.15mm	K			SCC2211X681K502T
	2220	D/1.25+-0.15mm	K	SCC2220X681K202T	SCC2220X681K252T	SCC2220X681K502T
821 (820pF)	1808	D/1.25+-0.15mm	K	SCC1808X821K202T		
		F/2.0+-0.2mm	K			SCC1808X821K502T
	1812	D/1.25+-0.15mm	K	SCC1812X821K202T		SCC1812X821K502T
		E/1.6+-0.2mm	K			SCC1812X821K502T
	2208	E/1.6+-0.2mm	K			SCC2208X821K502T
	2211	D/1.25+-0.15mm	K			SCC2211X821K502T
	2220	D/1.25+-0.15mm	K	SCC2220X821K202T	SCC2220X821K252T	SCC2220X821K502T
102 (1nF)	1808	D/1.25+-0.15mm	K	SCC1808X102K202T		
		F/2.0+-0.2mm	K			SCC1808X102K502T
	1812	D/1.25+-0.15mm	K	SCC1812X102K202T		SCC1812X102K502T
		F/2.0+-0.2mm	K			SCC1812X102K502T
	2208	F/2.0+-0.2mm	K			SCC2208X102K502T
	2211	E/1.6+-0.2mm	K			SCC2211X102K502T
	2220	D/1.25+-0.15mm	K	SCC2220X102K202T	SCC2220X102K252T	SCC2220X102K502T

Cap.	Size	Thickness	Cap. Tol.	Catalog Number			
				X2 250Vrms	X2 305Vrms	X1/Y2 250Vrms	
122 (1.2nF)	1808	D/1.25+-0.15mm	K	SCC1808X122K202T			
	1812	D/1.25+-0.15mm	K	SCC1812X122K202T			
	2211	E/1.6+-0.2mm	K	SCC2211X122K502T			
	2220	D/1.25+-0.15mm	K	SCC2220X122K202T	SCC2220X122K252T	SCC2220X122K502T	
152 (1.5nF)	1808	D/1.25+-0.15mm	K	SCC1808X152K202T			
	1812	D/1.25+-0.15mm	K	SCC1812X152K202T			
	2211	F/2.0+-0.2mm	K	SCC2211X152K502T			
	2220	D/1.25+-0.15mm	K	SCC2220X152K202T	SCC2220X152K252T	SCC2220X152K502T	
	182 (1.8nF)	1808	D/1.25+-0.15mm	K	SCC1808X182K202T		
		1812	D/1.25+-0.15mm	K	SCC1812X182K202T		
2211		F/2.0+-0.2mm	K	SCC2211X182K502T			
	2220	D/1.25+-0.15mm	K	SCC2220X182K202T	SCC2220X182K252T	SCC2220X182K502T	
		E/1.6+-0.2mm	K	SCC2220X182K502T			
	222 (2.2nF)	1808	D/1.25+-0.15mm	K	SCC1808X222K202T		
1812		D/1.25+-0.15mm	K	SCC1812X222K202T			
2211		G/2.4+-0.2mm	K	SCC2211X222K502T			
2220		D/1.25+-0.15mm	K	SCC2220X222K202T	SCC2220X222K252T	SCC2220X222K502T	
	E/1.6+-0.2mm	K	SCC2220X222K502T				
272 (2.7nF)	1812	D/1.25+-0.15mm	K	SCC1812X272K202T			
	2211	G/2.4+-0.2mm	K	SCC2211X272K502T			
	2220	D/1.25+-0.15mm	K	SCC2220X272K202T	SCC2220X272K252T	SCC2220X272K502T	
	E/1.6+-0.2mm	K	SCC2220X272K502T				
332 (3.3nF)	1812	D/1.25+-0.15mm	K	SCC1812X332K202T			
	2220	D/1.25+-0.15mm	K	SCC2220X332K202T	SCC2220X332K252T	SCC2220X332K502T	
		F/2.0+-0.2mm	K	SCC2220X332K502T			
472 (4.7nF)	1812	E/1.6+-0.2mm	K	SCC1812X472K202T			
	2220	F/2.0+-0.2mm	K	SCC2220X472K202T	SCC2220X472K252T	SCC2220X472K502T	
562 (5.6nF)	2220	D/1.25+-0.15mm	K	SCC2220X562K202T	SCC2220X562K252T		
682 (6.8nF)	2220	D/1.25+-0.15mm	K	SCC2220X682K202T	SCC2220X682K252T		
822 (8.2nF)	2220	D/1.25+-0.15mm	K	SCC2220X822K202T	SCC2220X822K252T		
103 (10nF)	2220	D/1.25+-0.15mm	K	SCC2220X103K202T	SCC2220X103K252T		
123 (12nF)	2220	D/1.25+-0.15mm	K	SCC2220X123K202T	SCC2220X123K252T		
153 (15nF)	2220	E/1.6+-0.2mm	K	SCC2220X153K202T	SCC2220X153K252T		
183 (18nF)	2220	E/1.6+-0.2mm	K	SCC2220X183K202T	SCC2220X183K252T		
223 (22nF)	2220	E/1.6+-0.2mm	K	SCC2220X223K202T	SCC2220X223K252T		
273 (27nF)	2220	E/1.6+-0.2mm	K	SCC2220X273K202T	SCC2220X273K252T		
333 (33nF)	2220	E/1.6+-0.2mm	K	SCC2220X333K202T	SCC2220X333K252T		
473 (33nF)	2825	E/1.6+-0.2mm	K	SCC2825X473K202T			
563 (33nF)	2825	E/1.6+-0.2mm	K	SCC2825X563K202T			

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