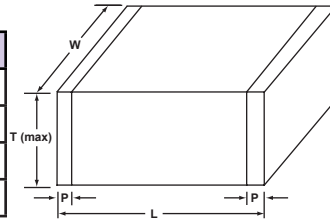




### MULTILAYER CERAMIC CHIP CAPACITORS

# 0603

RoHS Compliant



SIZE	4.0V ~50V	
(L) Length mm	1.6 ± 0.15	
(W) Width mm	0.8 ± 0.15	
(T) Thickness mm	1.0max (X5R = 0.9 max)	
(P) Termination mm	0.12 ~ 0.51 (X5R = 0.10 ~ 0.60)	

VOLTAGE		4.0					6.3					10					16					
Capacitance	CODE	COG	X5R	X7R	Z5U	Y5V	COG	X5R	X7R	Z5U	Y5V	COG	X5R	X7R	Z5U	Y5V	COG	X5R	X7R	Z5U	Y5V	
CAP 8.2	8R2																					
(pF) 10	100																					
15	150																					
18	180																					
20	200																					
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																					
1000	102																					
1200	122																					
1500	152																					
1800	182																					
2200	222																					
2700	272																					
3300	332																					
3900	392																					
4700	472																					
5600	562																					
6800	682																					
8200	822																					
(μF) 0.010	103																					
0.015	153																					
0.018	183																					
0.022	223																					
0.027	273																					
0.033	333																					
0.039	393																					
0.047	473																					
0.056	563																					
0.068	683																					
0.082	823																					
0.10	104																					
0.12	124																					
0.15	154																					
0.18	184																					
0.22	224																					
0.27	274																					
0.33	334																					
0.39	394																					
0.47	474																					
0.56	564																					
0.68	684																					
0.82	824																					
1.0	105																					
1.2	125																					
1.5	155																					
1.8	185																					
2.2	225																					
4.7	475																					
5.6	565																					
6.8	685																					
10.0	106																					
22.0	226																					

For additional capacitance values and working voltages, please contact us.

VOLTAGE		25					50				
Capacitance	CODE	COG	X5R	X7R	Z5U	Y5V	COG	X5R	X7R	Z5U	Y5V
(pF)	0.47	R47									
	0.5	R50									
	1.0	1R0									
	1.5	1R5									
	2.2	2R2									
	3.3	3R3									
	4.7	4R7									
	5.1	5R1									
	5.6	5R6									
	6.8	6R8									
	8.2	8R2									
	9.1	9R1									
	10	100									
	15	150									
	18	180									
	20	200									
	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									
	1000	102									
	1200	122									
	1500	152									
	1800	182									
	2200	222									
	2700	272									
	3300	332									
	3900	392									
	4700	472									
	5600	562									
	6800	682									
	8200	822									
(µF)	0.010	103									
	0.015	153									
	0.018	183									
	0.022	223									
	0.027	273									
	0.033	333									
	0.039	393									
	0.047	473									
	0.056	563									
	0.068	683									
	0.082	823									
	0.1	104									
	0.12	124									
	0.15	154									
	0.18	184									
	0.22	224									
	0.27	274									
	0.33	334									
	0.39	394									
	0.47	474									
	0.56	564									
	0.68	684									
	0.82	824									
	1.0	105									
	1.2	125									
	1.5	155									
	1.8	185									

For voltages over 50V  
 please see  
 the MA high voltage series