

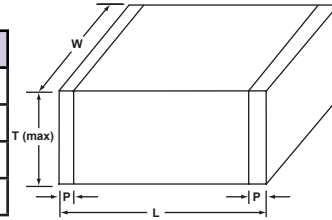


### MULTILAYER CERAMIC CHIP CAPACITORS

# 0402

RoHS Compliant

SIZE	6.3V ~50V	
(L) Length mm	1.0 ± 0.05	
(W) Width mm	0.5 ± 0.05	
(T) Thickness mm	0.6 max	
(P) Termination mm	0.2 ± 0.1 (X5R = 0.10 ~ 0.40)	



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	4.7	4R7																				
(pF)	6.8	6R8																				
	8.2	8R2																				
	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																				
	3.3	335																				
	4.7	475																				

VOLTAGE		25					50				
Capacitance	CODE	COG	X5R	X7R	Z5U	Y5V	COG	X5R	X7R	Z5U	Y5V
<b>CAP</b>	0.5	0R5									
<b>(pF)</b>	1.0	1R0									
	1.5	1R5									
	2.2	2R2									
	3.3	3R3									
	4.7	4R7									
	6.8	6R8									
	8.2	8R2									
	10	100									
	15	150									
	18	180									
	20	200									
	22	220									
	27	270									
	33	330									
	39	390									
	47	470									
	56	560									
	68	680									
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	1000	102									
	1200	122									
	1500	152									
	1800	182									
	2200	222									
	2700	272									
	3300	332									
	3900	392									
	4700	472									
	5600	562									
	6800	682									
	8200	822									
<b>(µF)</b>	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									

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