

Class X1 & X2 (300Vac) film capacitor

* 2004.Q3 will finish develop above *8.2uF & *10uF

PARTS NO.	Cap	Dimension (mm) ±0.5mm					±0.05mm	PARTS NO.	Cap	Dimension (mm) ±0.5mm					±0.05mm
	μF	W	H	T	P	D(Max)	μF		W	H	T	P	D(Max)		
472K300	0.0047	18	10	5	15	0.7	334M300S	0.33	18	16.5	8.5	15	0.7-0.8		
682K300	0.0068	18	10	5	15	0.7	334K300	0.33	26.5	16.5	7	22.5	0.7-0.8		
103K300S	0.01	13	12.5	6	10	0.6	394K300S	0.39	17	18	10	15	0.7-0.8		
103K300	0.01	18	10	5	15	0.7	474M300S	0.47	17	18	10	15	0.7-0.8		
223K300S	0.022	13	12.5	6	10	0.6	474K300S	0.47	17	19	11	15	0.7-0.8		
223K300	0.022	18	10	5	15	0.7	474K300	0.47	26.5	17.5	8.5	22.5	0.7-0.8		
333K300S	0.033	13	12.5	6	10	0.6	474K300M	0.47	31.5	16.5	7.5	27.5	0.7-0.8		
333K300	0.033	18	10	5	15	0.7	564K300	0.56	31.5	20	11	27.5	0.7-0.8		
473K300S	0.047	13	12.5	6	10	0.6	684M300SW-X2	2004.Q4	17	23.5	12	15	0.7-0.8		
473K300	0.047	18	10	5	15	0.7	684M300ST-X2	2004.Q4	26.5	21	8.5	22.5	0.7-0.8		
683K300S	0.068	13	12.5	6	10	0.6	684K300S	0.68	26.5	19	10	22.5	0.7-0.8		
683K300	0.068	18	10	6	15	0.7	684K300	0.68	31.5	20	11	27.5	0.7-0.8		
823K300	0.082	18	10	6	15	0.7	824K300	0.82	31.5	22.5	13	27.5	0.7-0.8		
104M300SS	0.1(new)	13	12.5	6	10.5	0.6	105K300S	1	25	23.5	14	22.5	0.8		
104M300SSP10	0.1(new)	13	12.5	6	10	0.6	105K300	1	29.5	21.5	11.5	27.5	0.8		
104K300SM	0.1	13	14.5	8	10	0.6	125K300S	1.2	31.5	22	12.5	27.5	0.8		
104K300S	0.1	17	11	5.5	15	0.7-0.8	155K300	1.5	37	26.5	16	32.5	0.8		
154M300SS-X2	0.15(new)	13	14.5	8	10	0.6	225K300	2.2	37	28	18	32.5	1		
154K300S	0.15	18	13.5	6	15	0.7-0.8	275K300	2.7	37	31	20	32.5	1		
224M300SS-X2	2004.Q2	13	19	8.5	10	0.6	335K300S	3.3	37	34	22	32.5	1		
224K300S	0.22	17	15.5	7.5	15	0.7-0.8	335K300	3.3	51	30.5	20	47.5	1		
224K300	0.22	25	14.5	6	22.5	0.7-0.8	395K300	3.9	51	30.5	20	47.5	1		
274K300S	0.27	18	16.5	8.5	15	0.7-0.8	475K300	4.7	51	30.5	20	47.5	1		
274K300	0.27	26.5	16.5	7	22.5	0.7-0.8	565K300	5.6	51	35	24	47.5	1		
334K300S	0.33	17	16.5	9.5	15	0.7-0.8	685K300	6.8	51	35	24	47.5	1		

MPP (250V / 400V / 630 V) capacitor ---- Fit PFC & Snober circuit (1KV & 2KV series available)

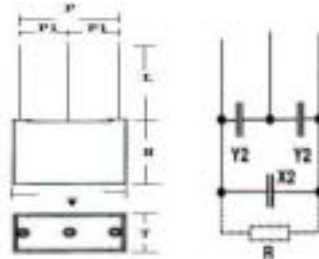
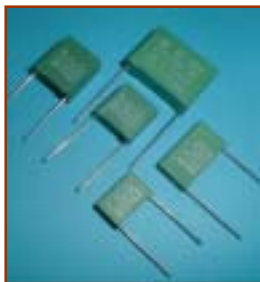
* We suggest : 110Vac Vin Power ==> Use 250V or 400V , 220Vac Vin Power ==> 630V

PARTS NO.	Cap	Dimension (mm) ±1mm					±0.05mm	PARTS NO.	Cap	Dimension (mm) ±1mm					±0.05mm
	μF	W	H	T	P	D(Max)	μF		W	H	T	P	D(Max)		
MPP104K250E	0.1	17	11	5.5	15	0.8	MPP474K400SE/450SC	0.47	17	13.0/15	6.5/7.5	15	0.8		
MPP224K250E	0.22	17	13	6.5	15	0.8	MPP684K400SE/450SC	0.68	17	15/15.5	8.5/9.5	15	0.8		
MPP474K250E	0.47	17	13	6.5	15	0.8	MPP824K400SE/450SC	0.82	17	17/17.5	9.5/10	15	0.8		
MPP105K250E	1	24	18	10.5	22.5	0.8	MPP824K400E/450C	0.82	24	14.5/15	7.5/8	22.5	0.8		
MPP225K250E	2.2	24	22.5	12.5	22.5	0.8	MPP105K400SE/450SC	1	17	18.5/19	10.5/11	15	0.8		
MPP335K250E	3.3	24	27	15	22.5	0.8	MPP105K400E/450C	1	24	18/18.5	7/7.5	22.5	0.8		
MPP475K250E	4.7	24	31	19	22.5	0.8	MPP155K400E/450E	1.5	24	19.5	11	22.5	0.8		
MPP103K400C	0.01	18	10	5	15	0.8	MPP185K400E/450E	1.8	24	21	11	22.5	0.8		
MPP223K400C	0.022	18	10	5	15	0.8	MPP205K400E/450E	2	24	21.5	11.5	22.5	0.8		
MPP333K400C	0.033	18	10	5	15	0.8	MPP225K400E/450E	2.2	24	22.5	12.5	22.5	0.8		
MPP473K400C	0.047	18	10	5	15	0.8	MPP104K630SC	0.1	17	11	5.5	15	0.8		
MPP104K400SE	0.1	12	14.5	7.5	10	0.6	MPP334K630SC	0.33	17	16	9.5	15	0.8		
MPP104K400C	0.1	17	11	5.5	15	0.8	MPP474K630SC	0.47	17	19	11	15	0.8		
MPP154K400C	0.15	18	13.5	6	15	0.8	MPP684K630SC	0.68	26	18.5	9	22.5	0.8		
MPP224K400SE/450SC	0.22	17.5	15.5/15.5	8.5/7.5	15	0.8	MPP105K630SC	1	25	23.5	14	22.5	0.8		

MPE (250V / 400V / 630 V) capacitor ---- Fit PFC & Snober circuit (1KV & 2KV series available)

* We suggest : 110Vac Vin Power ==> Use 250V or 400V , 220Vac Vin Power ==> 630V

PARTS NO.	Cap	Dimension (mm) ±1mm					±0.05mm	PARTS NO.	Cap	Dimension (mm) ±1mm					±0.05mm
	μF	W	H	T	P	D(Max)	μF		W	H	T	P	D(Max)		
MPE474K250E	0.47	17	13	6	15	0.6	MPE105K400SE	1.0	16.5	15	8	15	0.8		
MPE684K250SE	0.68	16.5	11.5	7	15	0.6	MPE105K400E	1.0	24	12.5	6.5	22.5	0.8		
MPE105K250SE	1.0	17	15	8	15	0.8	MPE155K400SE	1.5	17	18	9.5	15	0.8		
MPE155K250SE	1.5	17.5	18	9.5	15	0.8	MPE155K400STE	1.5	17	20	9	15	0.8		
MPE225K250NE	2.2	22	19.5	9.5	20	0.8	MPE155K400E	1.5	24	16	8	22.5	0.8		
MPE225K250SE	2.2	24	25	10	22.5	0.8	MPE185K400SE	1.8	17	20	10.5	15	0.8		
MPE335K250NE	3.3	22	23	11.5	20	0.8	MPE205K400SE	2.0	17	21	11	15	0.8		
MPE335K250SE	3.3	24	27	12	22.5	0.8	MPE225K400SE	2.2	17	22	12	15	0.8		
MPE335K250E	3.3	30	21	11.5	27.5	0.8	MPE225K400STE	2.2	17	23	10	15	0.8		
MPE395K250NE	3.9	22	22.5	11.5	20	0.8	MPE225K400E	2.2	24	24	11	22.5	0.8		
MPE395K250SE	3.9	24	29	14	22.5	0.8	MPE225K400SE	2.2	17	23	15	15	0.8		
MPE475K250NE	4.7	22	24.5	13	20	0.8	MPE103K630C	0.01	13	11	5	10	0.6		
MPE475K250SE	4.7	24	31	16	22.5	0.8	MPE473K630C	0.047	13	11	5	10	0.6		
MPE475K250E	4.7	30	23	13	27.5	0.8	MPE104K630E	0.1	16.5	11	5	15	0.6		
MPE685K250NE	6.8	22	28.5	17	20	0.8	MPE474K630E	0.47	16.5	18.5	10.5	15	0.6		
MPE685K250E	6.8	31	15	12	27.5	0.8	MPE684K630E	0.68	24	13.5	7	22.5	0.6		
MPE473K400SES	0.047	13	12	5	10	0.6	MPE105K630E	1.0	24	17.5	10.0	22.5	0.8		
MPE104K400SES	0.1	13	12	6	10	0.6	MPE155K630E	1.5	24	19	11.5	22.5	0.8		
MPE104K400SE	0.1	16.5	10	5.5	15	0.6	MPE225K630E	2.2	24	21.5	12.5	22.5	0.8		
MPE224K400SE	0.22	16.5	8.5	4.5	15	0.6	MPE104K630C	0.1	17	13.5	5.5	15	0.8		
MPE334K400SE	0.33	16.5	10	5	15	0.6	MPE474K630C	0.47	17	19	11	15	0.8		
MPE474K400SES	0.47	13	15	8.5	10	0.6	MPE684K630C	0.68	26.5	19	10	22.5	0.8		
MPE474K400SE	0.47	16.5	11	6	15	0.6	MPE105K630C	1.0	25	24.0	14.0	22.5	0.8		
MPE684K400SES	0.68	13	17.5	10	10	0.6	MPE155K630C	1.5	37	26.5	16	32.5	0.8		
MPE684K400SE	0.68	16.5	11.5	7	15	0.6	MPE225K630C	2.2	37	28	18	32.5	0.8		
MPE824K400SE	0.82	16.5	13.5	7.5	15	0.6									



Mini box DC film capacitor (pitch = 5 mm)

Rated Cap.	50Vdc / 30Vac			63Vdc / 40Vac			100Vdc / 63Vac			250Vdc / 100Vac			400Vdc / 160Vac		
	B	H	L	B	H	L	B	H	L	B	H	L	B	H	L
1000pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2
1500pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2
2200pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2
3300pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2
4700pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2
6800pF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	3.5	7.5	7.2
0.010µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	3.5	7.5	7.2
0.015µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	3.5	7.5	7.2
0.022µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	3	6.5	7.2	4.5	9.5	7.2
0.033µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	3.5	8.5	7.2	5	10	7.2
0.047µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	4.5	9.5	7.2	5	10	7.2
0.068µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	4.5	9.5	7.2	5	10	7.2
0.10µF	2.5	6.5	7.2	2.5	6.5	7.2	2.5	6.5	7.2	5.5	11.5	7.2	5.5	11.5	7.2
0.15µF	2.5	6.5	7.2	2.5	6.5	7.2	4.5	9.5	7.2	5.5	11.5	7.2	5.5	11.5	7.2
0.22µF	2.5	6.5	7.2	2.5	6.5	7.2	5	10	7.2	6	12	7.2			
0.33µF	3.5	7.5	7.2	3.5	7.5	7.2	5	10	7.2						
0.47µF	3.5	7.5	7.2	3.5	7.5	7.2	5	10	7.2						
0.68µF	5	10	7.2	5	10	7.2	5	10	7.2						
1.0µF	5	10	7.2	5	10	7.2	5	10	7.2						
1.5µF	6	11	7.2	6	11	7.2	6	11	7.2						

Combit X2Y2 safety film capacitor (X + Y)

Dimension for combit X2Y2 safety film capacitor (W*H*T : mm ± 1mm)

2*Y (pF)	1*X (uF)						
***	0.1	0.22	0.27	0.33	0.47	0.68	1.0
1000	26.5*16.5*7 (S) 26.5*17.5*8.5 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
1500	26.5*16.5*7 (S) 26.5*17.5*8.5 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
2200	26.5*16.5*7 (S) 26.5*17.5*8.5 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
3300	26.5*16.5*7 (S) 26.5*17.5*8.5 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
4700	26.5*16.5*7 (S) 26.5*17.5*8.5 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*17.5*8.5 (S) 26.5*19*10 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*20*11 (S) 31.5*22.5*13 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
10000	26.5*17.5*8.5	26.5*19*10	26.5*19*10	31.5*22.5*13	31.5*22.5*13	31.5*25*14	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
15000	26.5*17.5*8.5	26.5*19*10	26.5*19*10	31.5*22.5*13	31.5*22.5*13	31.5*25*14	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
22000	26.5*17.5*8.5	26.5*19*10	26.5*19*10	31.5*22.5*13	31.5*22.5*13	31.5*25*14	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
27000	26.5*17.5*8.5	26.5*19*10	26.5*19*10	31.5*22.5*13	31.5*22.5*13	31.5*25*14	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
33000	26.5*17.5*8.5	26.5*19*10	26.5*19*10	31.5*22.5*13	31.5*22.5*13	31.5*25*14	37*24*13.5
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
47000	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*19*10 (S) 26.5*23.5*14 (M)	26.5*19*10 (S) 26.5*23.5*14 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	31.5*25*14 (S) 31.5*29*17 (M)	37*24*13.5 (S) 37*28*18 (M)
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20
100000	26.5*17.5*8.5 (S) 26.5*19*10 (M)	26.5*19*10 (S) 26.5*23.5*14 (M)	26.5*19*10 (S) 26.5*23.5*14 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	31.5*22.5*13 (S) 31.5*25*14 (M)	31.5*25*14 (S) 31.5*29*17 (M)	37*24*13.5 (S) 37*28*18 (M)
	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=22.5, P1=11, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=27.5, P1=13.5, L=20	P=32.5, P1=16, L=20

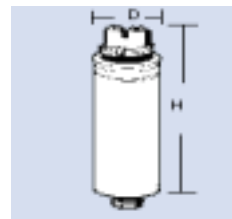
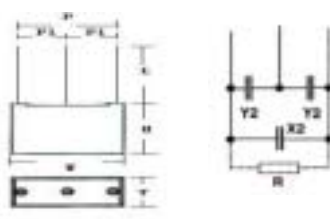
Car or family lighting Polypropylene film capacitor (300Vac, -40°C ~ 100°C ==> AC starting Cap.)

Dimensioni in mm	Capacitance : uF						
	2	2.5	3	3.3	4	4.5	5
D * H	25 * 48	25 * 48	25 * 48	25 * 48	25 * 48	25 * 78	25 * 78

Dimensioni in mm	Capacitance : uF						
	6	6.5	7	8	8.5	9	10
D * H	25 * 78	25 * 98	25 * 98	25 * 98	25 * 98	25 * 98	30 * 98

Dimensioni in mm	Capacitance : uF						
	12	13	14	15	16	18	20
D * H	30 * 98	30 * 98	30 * 98	30 * 98	35 * 98	35 * 98	35 * 98

Dimensioni in mm	Capacitance : uF						
	22	25	30	35	40	45	50
D * H	35 * 98	35 * 133	35 * 133	35 * 133	45 * 133	45 * 133	45 * 133



Class Y1 & Y2 safety ceramic (film) capacitor

* The number of dimension is Max. value

Part NO.	T.C.	CAP	TOL.	Y2 (250Vac / 2500V)		Y1 (400Vac / 4000V)		Part NO. *** (Film Y2) ***	Cap uF	Dimension (mm) ±0.5mm					±0.05mm D(Max)
				D±1 (Diameter) Max	P±1 (Pitch)	D±1 (Diameter) Max	P±1 (Pitch)			W	H	T	P		
101K	±10% (Y5p)	100PF	10%	8	7.5	8	7.5	472K250Y	4700pF	18	10	5	15	0.6-0.7	
151K		150PF		8	7.5	8	7.5	562K250Y	5600pF	18	10	5	15	0.6-0.7	
221K		220PF		8	7.5	8	7.5	682K250Y	6800pF	18	10	5	15	0.6-0.7	
331K		330PF		8	7.5	8	7.5	822K250Y	8200pF	18	10	5	15	0.6-0.7	
471K		470PF		8	7.5	8	7.5	103K250Y	0.01	18	10	5	15	0.6-0.7	
561K		560PF		10	7.5	10	7.5	223K250Y	0.022	18	10	5	15	0.6-0.7	
681K		680PF		10	7.5	10	7.5	273K250Y	0.027	17	11	5.5	15	0.6-0.7	
102K		1000PF		12	7.5	12	7.5	333K250Y	0.033	17	11	5.5	15	0.6-0.7	
102M		30% ~ -80% (Y5V)		1000PF	20%	10	7.5 (Standard) 10 (Special)	10	10 (Standard) 7.5 (Special)	473K250Y	0.047	18	12	6	15
152M	1500PF		8	7.5 (Standard) 10 (Special)		9	10 (Standard) 7.5 (Special)	563K250Y	0.056	18	13.5	6	15	0.6-0.7	
222M	2200PF		9	7.5 (Standard) 10 (Special)		10	10 (Standard) 7.5 (Special)	683K250Y	0.068	17	15.5	7.5	15	0.6-0.7	
332M	3300PF		10	7.5 (Standard) 10 (Special)		12	10 (Standard) 7.5 (Special)	823K250Y	0.082	18	16.5	8.5	15	0.6-0.7	
472M	4700PF		12	7.5 (Standard) 10 (Special)		13	10 (Standard) 7.5 (Special)	104K250SY	0.1	17	11	5.5	15	0.6-0.7	
682M	6800PF		14	7.5 (Standard) 10 (Special)		16	10 (Standard) 7.5 (Special)	104K250Y	0.1	26.5	16.5	7	22.5	0.6-0.7	
822M	8200PF		14	7.5 (Standard) 10 (Special)		16	10 (Standard) 7.5 (Special)	104K250WY	0.1	31.5	16.5	7.5	27.5	0.6-0.7	
103M	10000PF		16	7.5 (Standard) 10 (Special)		18	10 (Standard) 7.5 (Special)	* P= 10mm series (Over develop on 2004 Q1)					10		

MLCC ceramic capacitor

CaseSize	Rated Voltage	Temp. Chart.	Capacitance Range (pF)	Dimension(mm)		
				L	W	T(max)
0402	B=16V	0±30 PPM/ NPO	0.5-120	1.0±0.05	0.5±0.05	0.5±0.05
	A=100V		100-10000			
T=25V	0.5-1000					
0603	U=50V		0.5-1000	1.6±0.10	0.8±0.10	0.8±0.10
	A=100V		1.0-330			
0805	H=250V		0.5-2400	2.0±0.20	1.25±0.1	1.4
	U=50V		1.0-1500			
1206	A=100V		1.0-560	3.2±0.20	1.6±0.20	1.52
	H=250V		1.0-220			
	C=500V		1.0-4700			
	M=1000V		1.0-1800			
	M2=2000V		1.0-1200			
	M3=3000V	1.0-120				
1210	A=100V	10-8200	3.2±0.30	2.5±0.30	1.8	
	H=250V	10-3300				
	C=500V	1.0-2700				
	D=630V	10-1800				
	M=1000V	10-220				
	D=630V	100-2200				
1808	M=1000V	22-1000	4.5±0.35	2.0±0.30	2	
	M2=2000V	22-220				
	M3=3000V	10-82				
	A=100V	220-18000				
	H=250V	220-6800				
	C=500V	180-6800				
1812	D=630V	180-5600	4.5±0.35	3.2±0.30	1.8	
	M=1000V	39-2700				
	M2=2000V	39-820				
	M3=3000V	10-180				
	A=100V	470-39000				
	H=250V	470-15000				
2220	C=500V	390-15000	5.7±0.40	5.0±0.40	1.8	
	D=630V	390-10000				
	M=1000V	39-6800				
	M2=2000V	39-1800				
	M3=3000V	10-390				
	A=100V	560-56000				
2225	H=250V	560-22000	5.7±0.40	6.3±0.40	1.8	
	C=500V	4300-18000				
	D=630V	4300-15000				
	M=1000V	39-8200				
	M2=2000V	39-2200				
	M3=3000V	10-470				

CaseSize	Rated Voltage	Temp. Chart.	Capacitance Range (pF)	Dimension(mm)		
				L	W	T(max)
0402	B=16V	+22% -82% Y5V ±15% X7R	8200-33000	1.0±0.05	0.5±0.05	0.5±0.05
	T=25V		4700-6800			
	U=50V		220-3900			
	A=100V		100-10000			
0603	B=16V		18000-100000	1.6±0.10	0.8±0.10	0.8±0.10
	T=25V		10000-47000			
	U=50V		180-47000			
	A=100V		100-10000			
	H=250V		100-5600			
	C=500V		10000-100000			
0805	B=16V		10000-150000	2.0±0.20	1.25±0.1	1.4
	T=25V		10000-150000			
	U=50V	150-100000				
	A=100V	100-47000				
	H=250V	100-27000				
	C=500V	330-1000000				
1206	B=16V	330-1000000	3.0±0.20	1.6±0.20	1.52	
	T=25V	330-330000				
	U=50V	330-150000				
	A=100V	100-150000				
	H=250V	100-100000				
	C=500V	180-15000				
1210	D=630V	180-6800	3.2±0.30	2.5±0.30	1.8	
	M=1000V	100-2200				
	A=100V	1000-3300				
	H=250V	180000				
	C=500V	390-39000				
	D=630V	390-18000				
1808	M=1000V	180-5600	4.5±0.35	2.0±0.30	2	
	D=630V	390-22000				
	M=1000V	220-1800				
	M2=2000V	220-1800				
	M3=3000V	100-680				
	A=100V	3900-680000				
1812	H=250V	3900-470000	4.5±0.35	3.2±0.30	1.8	
	C=500V	390-120000				
	D=630V	390-100000				
	M=1000V	390-22000				
	M2=2000V	390-4700				
	M3=3000V	100-1500				
2220	A=100V	1000000	5.7±0.40	5.0±0.40	1.8	
	H=250V	820000				
	C=500V	1000-270000				
	D=630V	1000-220000				
	M=1000V	390-56000				
	M2=2000V	390-12000				
2225	M3=3000V	180-2700	5.7±0.40	6.3±0.40	1.8	
	A=100V	1500000				
	H=250V	1000000				
	C=500V	15000-330000				
	D=630V	15000-220000				
	M=1000V	390-56000				
M2=2000V	390-15000					
M3=3000V	180-3300					

