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Data Sheet

Customer: _____

Product : Polypropylene Film/Foil series Capacitors, HPMP

Size: _____

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☐ HITANO ENTERPRISE CORP.

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PRODUCT DIMENSIONS

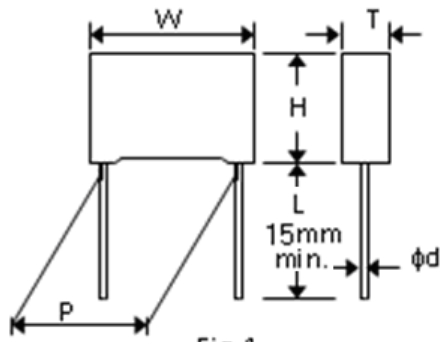


Fig. 1

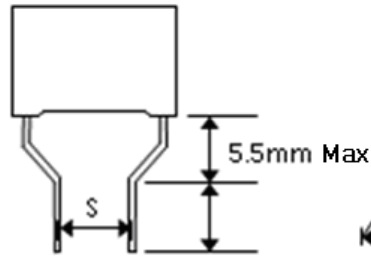


Fig. 2

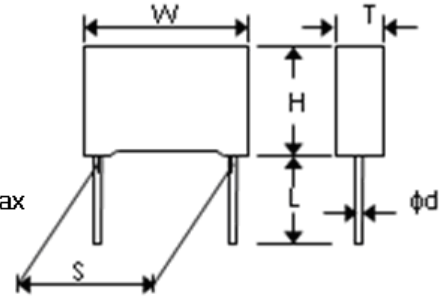


Fig. 3

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	ϕd ±0.05	L Min			
HPMPB473K2ALEXL*	0.047	473	10	100	18.0	11.0	5.0	15.0	NA	0.6	15.0	2400	1	
HPMPB683K2ALEXL*	0.068	683	10	100	18.0	12.0	6.0	15.0	NA	0.8	15.0	2400	1	
HPMPB104K2ALEXL*	0.1	104	10	100	18.0	13.5	7.5	15.0	NA	0.8	15.0	2400	1	
HPMPB154K2ALEXL*	0.15	154	10	100	18.0	16.0	10.0	15.0	NA	0.8	15.0	2400	1	
HPMPB333K2CLEXL*	0.033	333	10	160	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	1	
HPMPB473K2CLEXL*	0.047	473	10	160	18.0	12.0	6.0	15.0	NA	0.8	15.0	3000	1	
HPMPB683K2CLEXL*	0.068	683	10	160	18.0	13.5	7.5	15.0	NA	0.8	15.0	3000	1	
HPMPB104K2CLEXL*	0.1	104	10	160	18.0	16.0	10.0	15.0	NA	0.8	15.0	3000	1	
HPMPB153K2ELEXL*	0.015	153	10	250	18.0	11.0	5.0	15.0	NA	0.6	15.0	4800	1	
HPMPB223K2ELEXL*	0.022	223	10	250	18.0	12.0	6.0	15.0	NA	0.8	15.0	4800	1	
HPMPB333K2ELEXL*	0.033	333	10	250	18.0	13.5	7.5	15.0	NA	0.8	15.0	4800	1	
HPMPB473K2ELEXL*	0.047	473	10	250	18.0	16.0	10.0	15.0	NA	0.8	15.0	4800	1	
HPMPB103K2GLEXL*	0.01	103	10	400	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	1	
HPMPB153K2GLEXL*	0.015	153	10	400	18.0	12.0	6.0	15.0	NA	0.8	15.0	6000	1	
HPMPB223K2GLEXL*	0.022	223	10	400	18.0	13.5	7.5	15.0	NA	0.8	15.0	6000	1	
HPMPB333K2GLEXL*	0.033	333	10	400	18.0	14.5	8.5	15.0	NA	0.8	15.0	6000	1	
HPMPB473K2GLEXL*	0.047	473	10	400	18.0	16.0	10.0	15.0	NA	0.8	15.0	6000	1	
HPMPB103K2JLEXL*	0.01	103	10	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	11000	1	
HPMPB123K2JLEXL*	0.012	123	10	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	11000	1	
HPMPB153K2JLEXL*	0.015	153	10	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	11000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB183K2JLEXL*	0.018	183	10	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	11000	1	
HPMPB223K2JLEXL*	0.022	223	10	630	18.0	13.5	7.5	15.0	NA	0.8	15.0	11000	1	
HPMPB273K2JLEXL*	0.027	273	10	630	18.0	13.5	7.5	15.0	NA	0.8	15.0	11000	1	
HPMPB333K2JLEXL*	0.033	333	10	630	18.0	14.5	8.5	15.0	NA	0.8	15.0	11000	1	
HPMPB393K2JLEXL*	0.039	393	10	630	18.0	16.0	10.0	15.0	NA	0.8	15.0	11000	1	
HPMPB473K2JLEXL*	0.047	473	10	630	18.0	16.0	10.0	15.0	NA	0.8	15.0	11000	1	
HPMPB393K2JLHXL*	0.039	393	10	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB473K2JLHXL*	0.047	473	10	630	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB563K2JLHXL*	0.056	563	10	630	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB683K2JLHXL*	0.068	683	10	630	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB823K2JLHXL*	0.082	823	10	630	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB104K2JLHXL*	0.1	104	10	630	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB104K2JLKXL*	0.1	104	10	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K2JLKXL*	0.12	124	10	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB154K2JLKXL*	0.15	154	10	630	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB184K2JLKXL*	0.18	184	10	630	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB184K2JLKXL*	0.18	184	10	630	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB224K2JLKXL*	0.22	224	10	630	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB274K2JLKXL*	0.27	274	10	630	31.0	25.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB334K2JLKXL*	0.33	334	10	630	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB394K2JLKXL*	0.39	394	10	630	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB394K2JLKXL*	0.39	394	10	630	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB474K2JLKXL*	0.47	474	10	630	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB564K2JLKXL*	0.56	564	10	630	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB564K2JLKXL*	0.56	564	10	630	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB684K2JLKXL*	0.68	684	10	630	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB824K2JLKXL*	0.82	824	10	630	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB224K2JLQXL*	0.22	224	10	630	42.0	22.0	12.0	37.5	NA	1.0	15.0	3000	1	
HPMPB274K2JLQXL*	0.27	274	10	630	42.0	22.0	12.0	37.5	NA	1.0	15.0	3000	1	
HPMPB334K2JLQXL*	0.33	334	10	630	42.0	22.0	12.0	37.5	NA	1.0	15.0	3000	1	
HPMPB334K2JLQXL*	0.33	334	10	630	41.0	24.0	13.0	37.5	NA	1.0	15.0	3000	1	
HPMPB394K2JLQXL*	0.39	394	10	630	41.0	24.0	13.0	37.5	NA	1.0	15.0	3000	1	
HPMPB474K2JLQXL*	0.47	474	10	630	41.0	24.0	13.0	37.5	NA	1.0	15.0	3000	1	
HPMPB474K2JLQXL*	0.47	474	10	630	41.0	28.5	16.0	37.5	NA	1.0	15.0	3000	1	
HPMPB564K2JLQXL*	0.56	564	10	630	41.0	28.5	16.0	37.5	NA	1.0	15.0	3000	1	
HPMPB684K2JLQXL*	0.68	684	10	630	41.0	28.5	16.0	37.5	NA	1.0	15.0	3000	1	
HPMPB824K2JLQXL*	0.82	824	10	630	42.0	33.5	18.5	37.5	NA	1.0	15.0	3000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB105K2JLQXL*	1.0	105	10	630	42.0	40.0	20.0	37.5	NA	1.0	15.0	3000	1	
HPMPB125K2JLQXL*	1.2	125	10	630	42.0	40.0	20.0	37.5	NA	1.0	15.0	3000	1	
HPMPB155K2JLQXL*	1.5	155	10	630	42.5	44.0	24.0	37.5	NA	1.0	15.0	3000	1	
HPMPB185K2JLQXL*	1.8	185	10	630	41.5	45.0	30.0	37.5	NA	1.0	15.0	3000	1	
HPMPB225K2JLQXL*	2.2	225	10	630	41.5	45.0	30.0	37.5	NA	1.0	15.0	3000	1	
HPMPB332K3ALEXL*	0.0033	332	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB392K3ALEXL*	0.0039	392	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB472K3ALEXL*	0.0047	472	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB562K3ALEXL*	0.0056	562	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB682K3ALEXL*	0.0068	682	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB822K3ALEXL*	0.0082	822	10	1,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	28000	1	
HPMPB103K3ALEXL*	0.01	103	10	1,000	18.0	12.0	6.0	15.0	NA	0.8	15.0	28000	1	
HPMPB123K3ALEXL*	0.012	123	10	1,000	18.0	12.0	6.0	15.0	NA	0.8	15.0	28000	1	
HPMPB153K3ALEXL*	0.015	153	10	1,000	18.0	13.5	7.5	15.0	NA	0.8	15.0	28000	1	
HPMPB183K3ALEXL*	0.018	183	10	1,000	18.0	14.5	8.5	15.0	NA	0.8	15.0	28000	1	
HPMPB223K3ALEXL*	0.022	223	10	1,000	18.0	14.5	8.5	15.0	NA	0.8	15.0	28000	1	
HPMPB273K3ALEXL*	0.027	273	10	1,000	18.0	16.0	10.0	15.0	NA	0.8	15.0	28000	1	
HPMPB153K3ALHXL*	0.015	153	10	1,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB183K3ALHXL*	0.018	183	10	1,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB223K3ALHXL*	0.022	223	10	1,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB273K3ALHXL*	0.027	273	10	1,000	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB333K3ALHXL*	0.033	333	10	1,000	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB393K3ALHXL*	0.039	393	10	1,000	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB473K3ALHXL*	0.047	473	10	1,000	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB563K3ALHXL*	0.056	563	10	1,000	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB683K3ALHXL*	0.068	683	10	1,000	26.0	20.0	11.0	22.5	NA	0.8	15.0	11000	1	
HPMPB473K3ALKXL*	0.047	473	10	1,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB563K3ALKXL*	0.056	563	10	1,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB683K3ALKXL*	0.068	683	10	1,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB823K3ALKXL*	0.082	823	10	1,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB823K3ALKXL*	0.082	823	10	1,000	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB104K3ALKXL*	0.1	104	10	1,000	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3ALKXL*	0.12	124	10	1,000	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3ALKXL*	0.12	124	10	1,000	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB154K3ALKXL*	0.15	154	10	1,000	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB184K3ALKXL*	0.18	184	10	1,000	31.0	25.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB224K3ALKXL*	0.22	224	10	1,000	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB274K3ALKXL*	0.27	274	10	1,000	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB334K3ALKXL*	0.33	334	10	1,000	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB474K3ALKXL*	0.47	474	10	1,000	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3ALQXL*	0.12	124	10	1,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	4500	1	
HPMPB154K3ALQXL*	0.15	154	10	1,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	4500	1	
HPMPB184K3ALQXL*	0.18	184	10	1,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	4500	1	
HPMPB224K3ALQXL*	0.22	224	10	1,000	41.0	24.0	13.0	37.5	NA	1.0	15.0	4500	1	
HPMPB274K3ALQXL*	0.27	274	10	1,000	41.0	24.0	13.0	37.5	NA	1.0	15.0	4500	1	
HPMPB274K3ALQXL*	0.27	274	10	1,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	4500	1	
HPMPB334K3ALQXL*	0.33	334	10	1,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	4500	1	
HPMPB394K3ALQXL*	0.39	394	10	1,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	4500	1	
HPMPB474K3ALQXL*	0.47	474	10	1,000	42.0	33.5	18.5	37.5	NA	1.0	15.0	4500	1	
HPMPB564K3ALQXL*	0.56	564	10	1,000	42.0	33.5	18.5	37.5	NA	1.0	15.0	4500	1	
HPMPB684K3ALQXL*	0.68	684	10	1,000	42.0	40.0	20.0	37.5	NA	1.0	15.0	4500	1	
HPMPB824K3ALQXL*	0.82	824	10	1,000	42.0	40.0	20.0	37.5	NA	1.0	15.0	4500	1	
HPMPB105K3ALQXL*	1.0	105	10	1,000	42.5	44.0	24.0	37.5	NA	1.0	15.0	4500	1	
HPMPB125K3ALQXL*	1.2	125	10	1,000	41.5	45.0	30.0	37.5	NA	1.0	15.0	4500	1	
HPMPB155K3ALQXL*	1.5	155	10	1,000	41.5	45.0	30.0	37.5	NA	1.0	15.0	4500	1	
HPMPB222K3BLEXL*	0.0022	222	10	1,250	18.0	11.0	5.0	15.0	NA	0.6	15.0	30000	1	
HPMPB272K3BLEXL*	0.0027	272	10	1,250	18.0	11.0	5.0	15.0	NA	0.6	15.0	30000	1	
HPMPB332K3BLEXL*	0.0033	332	10	1,250	18.0	12.0	6.0	15.0	NA	0.8	15.0	30000	1	
HPMPB392K3BLEXL*	0.0039	392	10	1,250	18.0	12.0	6.0	15.0	NA	0.8	15.0	30000	1	
HPMPB472K3BLEXL*	0.0047	472	10	1,250	18.0	13.5	7.5	15.0	NA	0.8	15.0	30000	1	
HPMPB562K3BLEXL*	0.0056	562	10	1,250	18.0	13.5	7.5	15.0	NA	0.8	15.0	30000	1	
HPMPB682K3BLEXL*	0.0068	682	10	1,250	18.0	14.5	8.5	15.0	NA	0.8	15.0	30000	1	
HPMPB822K3BLEXL*	0.0082	822	10	1,250	18.0	16.0	10.0	15.0	NA	0.8	15.0	30000	1	
HPMPB822K3BLHXL*	0.0082	822	10	1,250	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB103K3BLHXL*	0.01	103	10	1,250	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB123K3BLHXL*	0.012	123	10	1,250	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB153K3BLHXL*	0.015	153	10	1,250	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB183K3BLHXL*	0.018	183	10	1,250	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB223K3BLHXL*	0.022	223	10	1,250	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB273K3BLHXL*	0.027	273	10	1,250	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB333K3BLHXL*	0.033	333	10	1,250	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB393K3BLKXL*	0.039	393	10	1,250	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB473K3BLKXL*	0.047	473	10	1,250	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB563K3BLKXL*	0.056	563	10	1,250	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB683K3BLKXL*	0.068	683	10	1,250	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB823K3BLKXL*	0.082	823	10	1,250	31.0	25.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB104K3BLKXL*	0.1	104	10	1,250	31.0	25.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3BLKXL*	0.12	124	10	1,250	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3BLKXL*	0.12	124	10	1,250	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB154K3BLKXL*	0.15	154	10	1,250	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB184K3BLKXL*	0.18	184	10	1,250	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB224K3BLKXL*	0.22	224	10	1,250	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB823K3BLQXL*	0.082	823	10	1,250	42.0	22.0	12.0	37.5	NA	1.0	15.0	5500	1	
HPMPB104K3BLQXL*	0.1	104	10	1,250	42.0	22.0	12.0	37.5	NA	1.0	15.0	5500	1	
HPMPB124K3BLQXL*	0.12	124	10	1,250	42.0	22.0	12.0	37.5	NA	1.0	15.0	5500	1	
HPMPB124K3BLQXL*	0.12	124	10	1,250	41.0	24.0	13.0	37.5	NA	1.0	15.0	5500	1	
HPMPB154K3BLQXL*	0.15	154	10	1,250	41.0	24.0	13.0	37.5	NA	1.0	15.0	5500	1	
HPMPB184K3BLQXL*	0.18	184	10	1,250	41.0	24.0	13.0	37.5	NA	1.0	15.0	5500	1	
HPMPB184K3BLQXL*	0.18	184	10	1,250	41.0	28.5	16.0	37.5	NA	1.0	15.0	5500	1	
HPMPB224K3BLQXL*	0.22	224	10	1,250	41.0	28.5	16.0	37.5	NA	1.0	15.0	5500	1	
HPMPB274K3BLQXL*	0.27	274	10	1,250	41.0	28.5	16.0	37.5	NA	1.0	15.0	5500	1	
HPMPB334K3BLQXL*	0.33	334	10	1,250	42.0	33.5	18.5	37.5	NA	1.0	15.0	5500	1	
HPMPB394K3BLQXL*	0.39	394	10	1,250	42.0	40.0	20.0	37.5	NA	1.0	15.0	5500	1	
HPMPB474K3BLQXL*	0.47	474	10	1,250	42.0	40.0	20.0	37.5	NA	1.0	15.0	5500	1	
HPMPB564K3BLQXL*	0.56	564	10	1,250	42.0	40.0	20.0	37.5	NA	1.0	15.0	5500	1	
HPMPB684K3BLQXL*	0.68	684	10	1,250	42.5	44.0	24.0	37.5	NA	1.0	15.0	5500	1	
HPMPB824K3BLQXL*	0.82	824	10	1,250	41.5	45.0	30.0	37.5	NA	1.0	15.0	5500	1	
HPMPB102K3CLEXL*	0.001	102	10	1,600	18.0	11.0	5.0	15.0	NA	0.6	15.0	34000	1	
HPMPB122K3CLEXL*	0.0012	122	10	1,600	18.0	11.0	5.0	15.0	NA	0.6	15.0	34000	1	
HPMPB152K3CLEXL*	0.0015	152	10	1,600	18.0	11.0	5.0	15.0	NA	0.6	15.0	34000	1	
HPMPB182K3CLEXL*	0.0018	182	10	1,600	18.0	11.0	5.0	15.0	NA	0.6	15.0	34000	1	
HPMPB222K3CLEXL*	0.0022	222	10	1,600	18.0	12.0	6.0	15.0	NA	0.8	15.0	34000	1	
HPMPB272K3CLEXL*	0.0027	272	10	1,600	18.0	12.0	6.0	15.0	NA	0.8	15.0	34000	1	
HPMPB332K3CLEXL*	0.0033	332	10	1,600	18.0	13.5	7.5	15.0	NA	0.8	15.0	34000	1	
HPMPB392K3CLEXL*	0.0039	392	10	1,600	18.0	13.5	7.5	15.0	NA	0.8	15.0	34000	1	
HPMPB472K3CLEXL*	0.0047	472	10	1,600	18.0	14.5	8.5	15.0	NA	0.8	15.0	34000	1	
HPMPB562K3CLEXL*	0.0056	562	10	1,600	18.0	16.0	10.0	15.0	NA	0.8	15.0	34000	1	
HPMPB682K3CLEXL*	0.0068	682	10	1,600	18.0	16.0	10.0	15.0	NA	0.8	15.0	34000	1	
HPMPB562K3CLHXL*	0.0056	562	10	1,600	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB682K3CLHXL*	0.0068	682	10	1,600	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB822K3CLHXL*	0.0082	822	10	1,600	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB103K3CLHXL*	0.01	103	10	1,600	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB123K3CLHXL*	0.012	123	10	1,600	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB153K3CLHXL*	0.015	153	10	1,600	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB183K3CLHXL*	0.018	183	10	1,600	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB223K3CLHXL*	0.022	223	10	1,600	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB273K3CLKXL*	0.027	273	10	1,600	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB333K3CLKXL*	0.033	333	10	1,600	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB393K3CLKXL*	0.039	393	10	1,600	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB473K3CLKXL*	0.047	473	10	1,600	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB563K3CLKXL*	0.056	563	10	1,600	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB683K3CLKXL*	0.068	683	10	1,600	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB823K3CLKXL*	0.082	823	10	1,600	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB104K3CLKXL*	0.1	104	10	1,600	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB124K3CLKXL*	0.12	124	10	1,600	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB154K3CLKXL*	0.15	154	10	1,600	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB184K3CLKXL*	0.18	184	10	1,600	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB333K3CLQXL*	0.033	333	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB393K3CLQXL*	0.039	393	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB473K3CLQXL*	0.047	473	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB563K3CLQXL*	0.056	563	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB683K3CLQXL*	0.068	683	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB823K3CLQXL*	0.082	823	10	1,600	42.0	22.0	12.0	37.5	NA	1.0	15.0	6500	1	
HPMPB104K3CLQXL*	0.1	104	10	1,600	41.0	24.0	13.0	37.5	NA	1.0	15.0	6500	1	
HPMPB124K3CLQXL*	0.12	124	10	1,600	41.0	28.5	16.0	37.5	NA	1.0	15.0	6500	1	
HPMPB154K3CLQXL*	0.15	154	10	1,600	41.0	28.5	16.0	37.5	NA	1.0	15.0	6500	1	
HPMPB184K3CLQXL*	0.18	184	10	1,600	41.0	28.5	16.0	37.5	NA	1.0	15.0	6500	1	
HPMPB224K3CLQXL*	0.22	224	10	1,600	42.0	33.5	18.5	37.5	NA	1.0	15.0	6500	1	
HPMPB274K3CLQXL*	0.27	274	10	1,600	42.0	40.0	20.0	37.5	NA	1.0	15.0	6500	1	
HPMPB334K3CLQXL*	0.33	334	10	1,600	42.0	40.0	20.0	37.5	NA	1.0	15.0	6500	1	
HPMPB394K3CLQXL*	0.39	394	10	1,600	42.5	44.0	24.0	37.5	NA	1.0	15.0	6500	1	
HPMPB474K3CLQXL*	0.47	474	10	1,600	42.5	44.0	24.0	37.5	NA	1.0	15.0	6500	1	
HPMPB474K3CLQXL*	0.47	474	10	1,600	41.5	45.0	30.0	37.5	NA	1.0	15.0	6500	1	
HPMPB564K3CLQXL*	0.56	564	10	1,600	42.5	44.0	24.0	37.5	NA	1.0	15.0	6500	1	
HPMPB564K3CLQXL*	0.56	564	10	1,600	41.5	45.0	30.0	37.5	NA	1.0	15.0	6500	1	
HPMPB101K3DLEXL*	0.0001	101	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	
HPMPB151K3DLEXL*	0.00015	151	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	
HPMPB221K3DLEXL*	0.00022	221	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB331K3DLEXL*	0.00033	331	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	
HPMPB471K3DLEXL*	0.00047	471	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	
HPMPB681K3DLEXL*	0.00068	681	10	2,000	18.0	11.0	5.0	15.0	NA	0.6	15.0	54000	1	
HPMPB102K3DLEXL*	0.001	102	10	2,000	18.0	12.0	6.0	15.0	NA	0.8	15.0	54000	1	
HPMPB122K3DLEXL*	0.0012	122	10	2,000	18.0	12.0	6.0	15.0	NA	0.8	15.0	54000	1	
HPMPB152K3DLEXL*	0.0015	152	10	2,000	18.0	13.5	7.5	15.0	NA	0.8	15.0	54000	1	
HPMPB182K3DLEXL*	0.0018	182	10	2,000	18.0	13.5	7.5	15.0	NA	0.8	15.0	54000	1	
HPMPB222K3DLEXL*	0.0022	222	10	2,000	18.0	14.5	8.5	15.0	NA	0.8	15.0	54000	1	
HPMPB272K3DLEXL*	0.0027	272	10	2,000	18.0	16.0	10.0	15.0	NA	0.8	15.0	54000	1	
HPMPB272K3DLHXL*	0.0027	272	10	2,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB332K3DLHXL*	0.0033	332	10	2,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB392K3DLHXL*	0.0039	392	10	2,000	26.5	15.0	6.0	22.5	NA	0.8	15.0	11000	1	
HPMPB472K3DLHXL*	0.0047	472	10	2,000	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB562K3DLHXL*	0.0056	562	10	2,000	26.5	16.5	7.0	22.5	NA	0.8	15.0	11000	1	
HPMPB682K3DLHXL*	0.0068	682	10	2,000	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB822K3DLHXL*	0.0082	822	10	2,000	26.0	17.0	8.5	22.5	NA	0.8	15.0	11000	1	
HPMPB103K3DLHXL*	0.01	103	10	2,000	26.5	19.0	10.0	22.5	NA	0.8	15.0	11000	1	
HPMPB123K3DLHXL*	0.012	123	10	2,000	26.0	20.0	11.0	22.5	NA	0.8	15.0	11000	1	
HPMPB103K3DLKXL*	0.01	103	10	2,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB123K3DLKXL*	0.012	123	10	2,000	32.0	18.0	9.0	27.5	NA	0.8	15.0	11000	1	
HPMPB153K3DLKXL*	0.015	153	10	2,000	32.0	20.0	11.0	27.5	NA	0.8	15.0	11000	1	
HPMPB183K3DLKXL*	0.018	183	10	2,000	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB223K3DLKXL*	0.022	223	10	2,000	31.0	22.0	13.0	27.5	NA	0.8	15.0	11000	1	
HPMPB273K3DLKXL*	0.027	273	10	2,000	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB333K3DLKXL*	0.033	333	10	2,000	32.0	28.0	14.0	27.5	NA	0.8	15.0	11000	1	
HPMPB333K3DLKXL*	0.033	333	10	2,000	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB393K3DLKXL*	0.039	393	10	2,000	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB473K3DLKXL*	0.047	473	10	2,000	31.0	33.0	18.0	27.5	NA	0.8	15.0	11000	1	
HPMPB563K3DLKXL*	0.056	563	10	2,000	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB683K3DLKXL*	0.068	683	10	2,000	32.0	37.0	22.0	27.5	NA	0.8	15.0	11000	1	
HPMPB183K3DLQXL*	0.018	183	10	2,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	9000	1	
HPMPB223K3DLQXL*	0.022	223	10	2,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	9000	1	
HPMPB273K3DLQXL*	0.027	273	10	2,000	42.0	22.0	12.0	37.5	NA	1.0	15.0	9000	1	
HPMPB333K3DLQXL*	0.033	333	10	2,000	41.0	24.0	13.0	37.5	NA	1.0	15.0	9000	1	
HPMPB393K3DLQXL*	0.039	393	10	2,000	41.0	24.0	13.0	37.5	NA	1.0	15.0	9000	1	
HPMPB473K3DLQXL*	0.047	473	10	2,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	9000	1	
HPMPB563K3DLQXL*	0.056	563	10	2,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	9000	1	

HITANO P/N	CAP.(uF)	Symbol	Tol. ±%	Vr(DC)	Dimensions in mm							dv/dt V/us	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min			
HPMPB683K3DLQXL*	0.068	683	10	2,000	41.0	28.5	16.0	37.5	NA	1.0	15.0	9000	1	
HPMPB823K3DLQXL*	0.082	823	10	2,000	42.0	33.5	18.5	37.5	NA	1.0	15.0	9000	1	
HPMPB104K3DLQXL*	0.1	104	10	2,000	42.0	40.0	20.0	37.5	NA	1.0	15.0	9000	1	
HPMPB124K3DLQXL*	0.12	124	10	2,000	42.0	40.0	20.0	37.5	NA	1.0	15.0	9000	1	
HPMPB154K3DLQXL*	0.15	154	10	2,000	42.5	44.0	24.0	37.5	NA	1.0	15.0	9000	1	
HPMPB184K3DLQXL*	0.18	184	10	2,000	41.5	45.0	30.0	37.5	NA	1.0	15.0	9000	1	
HPMPB224K3DLQXL*	0.22	224	10	2,000	41.5	45.0	30.0	37.5	NA	1.0	15.0	9000	1	

PRODUCT CODE COMPARATIVE TABLE

TYPE: HPMP

Product coding

HPMP	B	4 7 3	K	3B	L	H	X	L	X
1	2	3 4 5	6	7 8	9	10	11	12	13
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

① Type or class of capacitor

Type or class	HPMP
Code	HPMP

② Shape category or other

Describe	Box	Box Double 85 AEC-Q200	Dististyle	Box Halogen free	Box AEC-Q200
Code	B	T	G	H	K

③ Capacitance code (EIA Code)

Code	Capacitance			Code	Capacitance			Code	Capacitance		
101	100pF	0.1nF	0.0001uF	104	100,000pF	100nF	0.1uF	107	100,000,000pF	100,000nF	100uF
102	1,000pF	1nF	0.001uF	105	1,000,000pF	1,000nF	1uF				
103	10,000pF	10nF	0.01uF	106	10,000,000pF	10,000nF	10uF				

④ Tolerance (EIA Code)

Tol.	±1%	±2%	±3%	±5%	±10%	±20%	-10%~ 0%	0%~+10%	-5%~+10%	10%~+5%	0%~+20%	+0%~-5%	±4%
Code	F	G	I	J	K	M	L	P	U	V	W	S	H

⑤ Rated Voltage

Voltage	4.0	6.3	10	12	15	16	25	35	50	63	75	80	100	120	125	140	150	160	180	200	250	300	310	350	400	450	500	520	600	630	650
Code	0G	0J	1A	1M	1N	1C	1E	1V	1H	1J	1D	1K	2A	2M	2B	3T	2N	2C	2X	2D	2E	2F	1B	2V	2G	2W	2H	2Q	2T	2J	2Z
Voltage	700	750	760	800	820	850	875	900	920	1000	1100	1200	1250	1300	1350	1500	1600	1700	1800	1900	2000	2100	2500	2800	3000	3500	4000	5000	6000	15K	
Code	2S	2L	2Y	2K	2R	2U	3Y	2P	3X	3A	3J	3M	3B	3K	3P	3N	3C	3W	3Q	3R	3D	3S	3E	3L	3F	3V	3G	3U	3H	4A	

⑥ Lead Configuration

Lead Type													
Code	L	M	N	B	C	D	E	K	T	U	W	R (2Pin 以上) (Above 2Pin)	A

Note: The wire and the other foot type with the "X"

PRODUCT CODE COMPARATIVE TABLE

TYPE: **HPMP**

Product coding

⑦ Lead Space

Lead Space	52.5	55.0	57.5	95.0	5.0	31.0	6.0	7.0	7.5	10.0	10.5	12.5	14.7	15.0	17.5	20.0/20.5	22.5
Code	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H
Lead Space	25.0	27.5	30.0/30.5	31.5	32.5	35.0	37.5	47.5	51.5	9.5	12.0	13.5	42.0/42.5	45.0/46.0	22.0		
Code	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y		

Note: not a common pin pitch using "Z", a font and wire type using "O"

⑧ Lead Forming or Vice-Lead(P1) Pitch

Forming	5.0	7.5	10.0	10.2	12.5	12.7	15.0	17.5	20.0	20.3	22.5	24.0	25.0	25.4	27.5	30.0	35.0	37.5	47.5	Others
Code	A	H	B	J	G	Q	C	M	D	N	W	P	E	K	F	U	V	Z	R	X

Note: X for wires and ⑥ pin forming the "L, B, U"

⑨ Lead Length (unit: mm)

Length	2.5	3.0	3.2	3.4	3.5	3.6	3.8	4.0	4.5	4.7	5.0	5.5	6.0
Code	M	1	G	K	2	N	X	3	4	W	5	I	6
Length	7.0	7.5	8.0	9.0	10.0	11.0	13.0	15.0	20.0/22.0	25.0	27.0	30.0	33.0
Code	7	R	8	9	A	P	J	Z	B	C	F	D	S
Length	35.0	38.0	40.0	45.0	47.0							Taping	N/A
Code	Q	Y	E	U	H							T	L

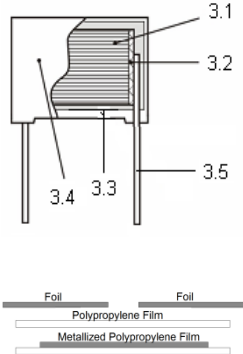
Note: L for wire and ⑥ pin forming the "L", Use V for uncommon foot length

⑩ Accessories Yards

NO.	Descriptions
1	Each specification first edit with "X"
2	The same specifications appearance and size differ with non-simultaneous 1, 2, 3 to distinguish
3	The same specification is not the same as the processing method (electrical characteristics) with A, B, C to distinguish
4	The last code show " ", which is temporary P/N. The official P/N will be released during the mass production.

***** If you have any request not find from above datas, please contact our sales for further information, we may do our best to meet your request.***

PRODUCT SPECIFICATIONSTYPE: **HPMP**

NO.	ITEM	DESCRIPTIONS
1	SCOPE	This specifications cover the requirements of CHIEFCON Metallized Polypropylene Film/foil Capacitor, Type : HPMP
1.1	Climatic testing class according to IEC 60068	40/100/56
1.2	Appllications	High voltage metallized polypropylene film/Foil series capacitor for horizontal resonance circuit of CRT or high frequency, high voltage and high current circuit of high frequency divices.
2	STANDARD ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS	
2.1	AMBIENT TEMPERATURE	15°C to 35°C (If there is any doubt on the results, the measurements shall be made at $+20 \pm 5^{\circ}\text{C}$)
2.2	RELATIVE HUMIDITY(R.H.)	45%to 75% (If there is any doubt on the results, the measurements shall be made at 60% to 70%)
2.3	AIR PRESSURE	86 kpa to 106 kpa
2.4	Capacitance drift	Up to $+40^{\circ}\text{C}$, $\pm 0.5\%$ for a period of two years
3	CONSTRUCTION	
3.1	DIELECTRIC	Metallized and plain polypropylene film / foil
3.2	METAL SPRAY	Special Solder
3.3	EPOXY RESIN	UL 94V-0
3.4	PLASTIC CASE	UL 94V-0
3.5	LEAD WIRE	LEAD WIRE DIAMETER 0.6/0.8/1.0mm
		
4	MARKING	
4.1	TYPE OR MATERIAL	“PMP” stands for “PMP” type.
4.2	NOMINAL CAPACITANCE	In EIA 3-digit code. (Reference Product code comparative table)
4.3	CAPACITANCE TOLERANCE	In EIA 1- letter code. (Reference Product code comparative table)
4.4	RATED VOLTAGE	in VDC rating, unless otherwise indicated.
4.5	DATE CODE	M
		Example CK PMP 3 103K1000 M

PRODUCT SPECIFICATIONS

 TYPE: **HPMP**

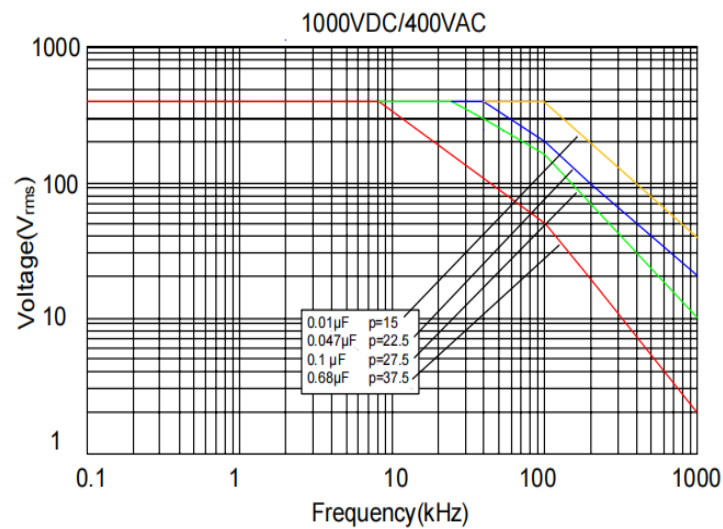
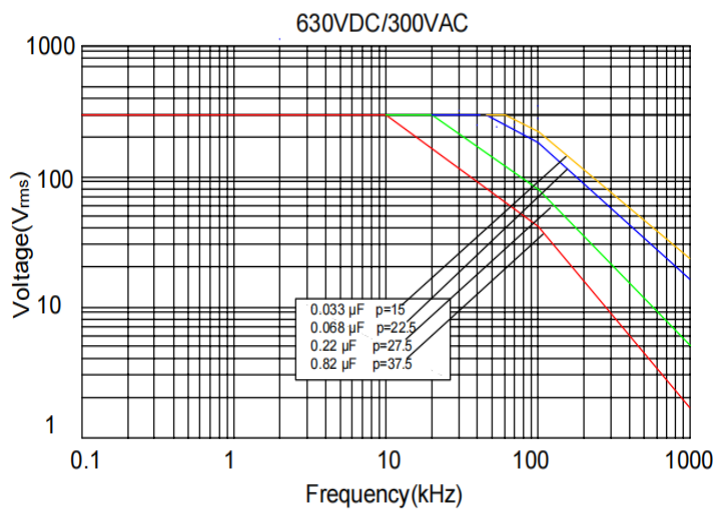
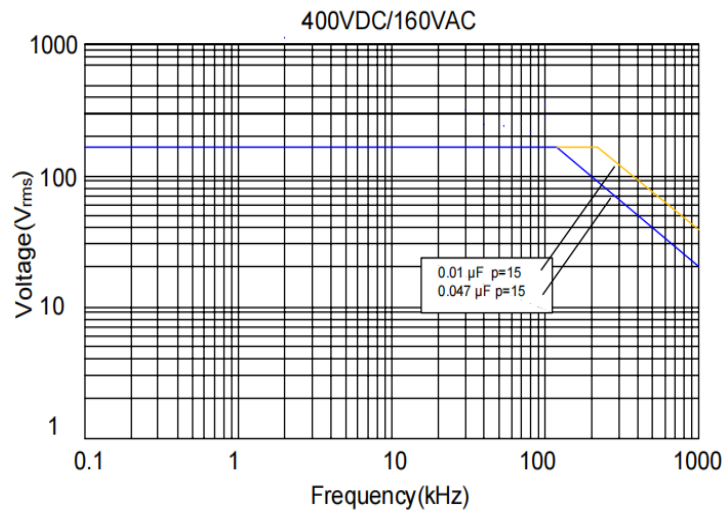
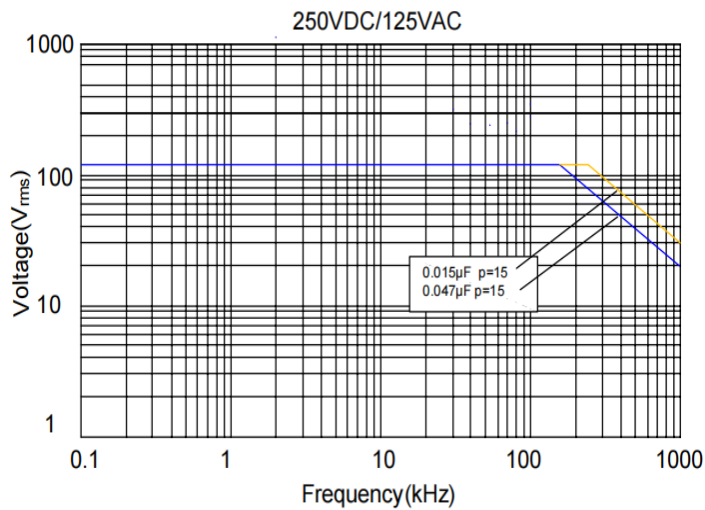
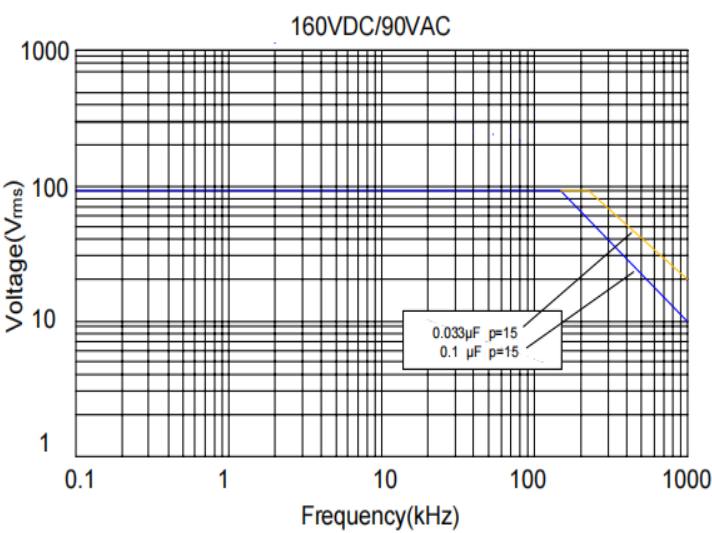
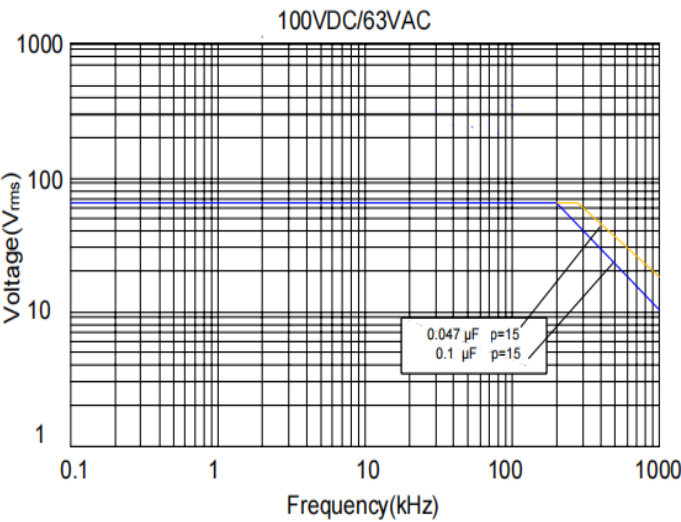
NO.	Item		Performance			Remark		
5	OPERATING TEMPERATURE RANGE		-40°C to +105°C. (+85°C to +105°C : Decreasing factor 1.25% per °C for Ur)					
6	Rated Voltage		VDC	630	1000	1250	1600	2000
			VAC	300	350	400	500	600
7	Withstand Voltage	Between Terminals	No abnormality.			Rated voltage x 2, 2 sec		
		Between Terminals				Rated voltage x 200% 1~5 sec		
8	Insulation Resistance		≥100000 Mohm (C≤0.1uF) ≥10000 Mohm*uF/C (C>0.1uF) ≥100000 MΩ (C≤0.1uF) ≥10000 MΩ*uF/C (C>0.1uF)			Measuring voltage 100V/60 sec		
9	Capacitance		Within specified tolerance			at 1 KHz ±10% Measure R.V: 1 Vrms or below Test temp: 25°C		
10	Dissipation Factor		a.0.10 %max at 1KHz b.0.15 %max at 10KHz (C ≤1.0μF) 0. 2 %max (1.0 < C ≤3.3μF)			Measure R.V: 1 Vrms or below Test temp: 25°C		
11	Terminal Strength 4.3	Pull Strength	No cutting or slack of terminals			Wire diameter: 0.6&0.8 mm Load: 1 kg, time: 10 sec. Wire diameter: 1.0 mm Load: 2 kg, time: 20 sec.		
		Bending Strength	Shall be no abnormality			Apply 0.5Kg for 2 cycles. Each cycle includes: 90°once, return to its initial position for 2-3 sec. and then to the opposite direction once.		
12	Vibration Proof		No abnormality of the appearance			Frequency range 10-55-10 Hz Amplitude: 1.5 mm, 2 hrs/direction for 3 directions		
13	Resistance to Soldering heat	Appearance	No abnormality on appearance			Solder temp: 265 ±5°C Immersion time: 10±0.5sec.		
		With stand Voltage	Comply with item 8					
		Capacitance Variation	±2% Within					
		Dissipation Factor	0.1 %max at 1KHz (25°C)					
		Insulation Resistance	Comply with item 9					

PRODUCT SPECIFICATIONS

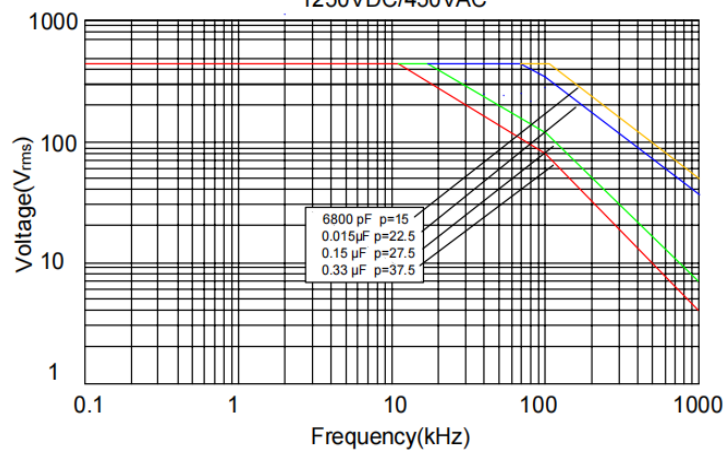
TYPE: HPMP

14	Cold Resistance	Capacitance Variation	<5% Within	Temperature: -40 ±2°C Duration: 2hrs
		Dissipation Factor	0.1 %max at 1KHz (25°C)	
		Insulation Resistance	Comply with item 9 of 50%	
15	Solder ability	At least95%of the surface of the lead wire dipped into is covered with new solder		Solder temp:240°C±2°C Immersion time:2±0.5°C Solde:SnAgcu (SN:96.5%Ag:3% CU:0.5%)
16	Dry Heat Resistance	Capacitance Variation	<5% Within	Temperature: +100 ±2°C Duration:16±1 hrs
		Dissipation Factor	0.1 %max at 1KHz (25°C)	
		Insulation Resistance	Comply with item 9 of 50%	
17	Humidity Resistance	Appearance	No abnormality of the appearance Marking to be legible	Humidity: 90~95% RH Temperature: +40 ±2°C Duration: 500 hrs Measure after exposing at normal state for 1-2 hrs.
		Withstand Voltage	Comply with item 8	
		Insulation Resistance	Comply with item 9 of 50%	
		Capacitance Variation	Within ±3%	
		Dissipation Factor	0.1 %max at 1KHz (25°C)	
18	High Temperature Loading Test 4.12	Appearance	No abnormality of the appearance Marking to be legible	Temperature: +85±2°C Duration:1,000 +48/-0 hrs Applied voltage 1.5 x R.V. through series resistor of 20~1000 Ω/V to the Capacitor Measure after exposing at normal state for 4 hrs
		Withstand Voltage	Comply with item8	
		Insulation Resistance	Comply with item 9 of 50%	
		Capacitance Variation	Within ±5%	
		Dissipation Factor	0.1 %max at 1KHz (25°C)	

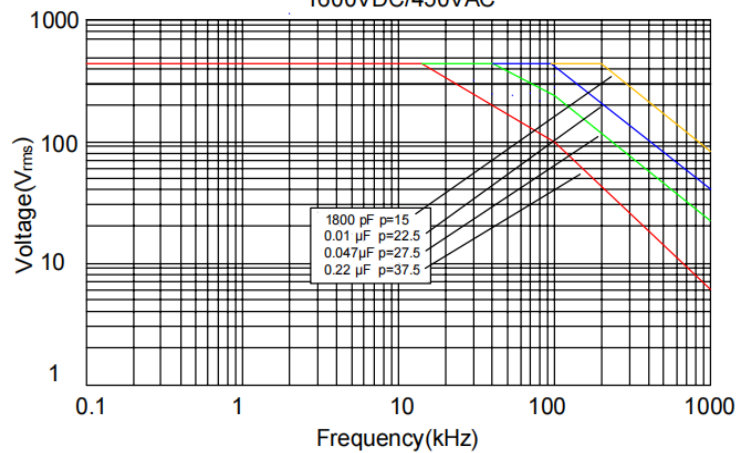
19 .1 PERMISSIBLE AC VOLTAGE VS.FREQUENCY



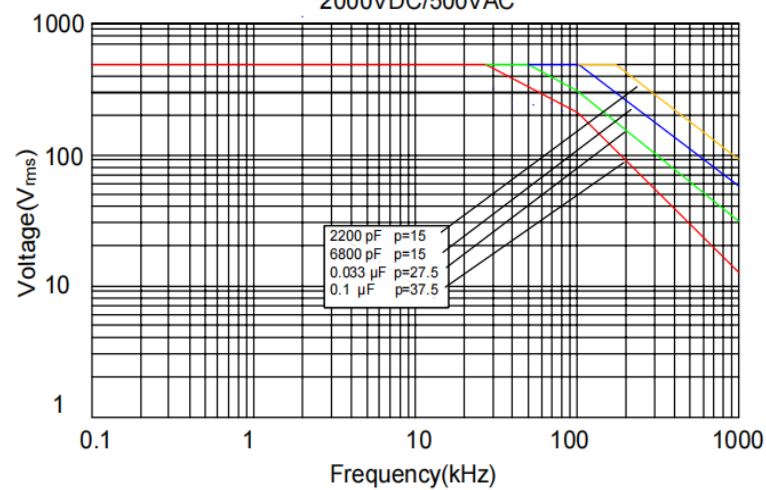
1250VDC/450VAC



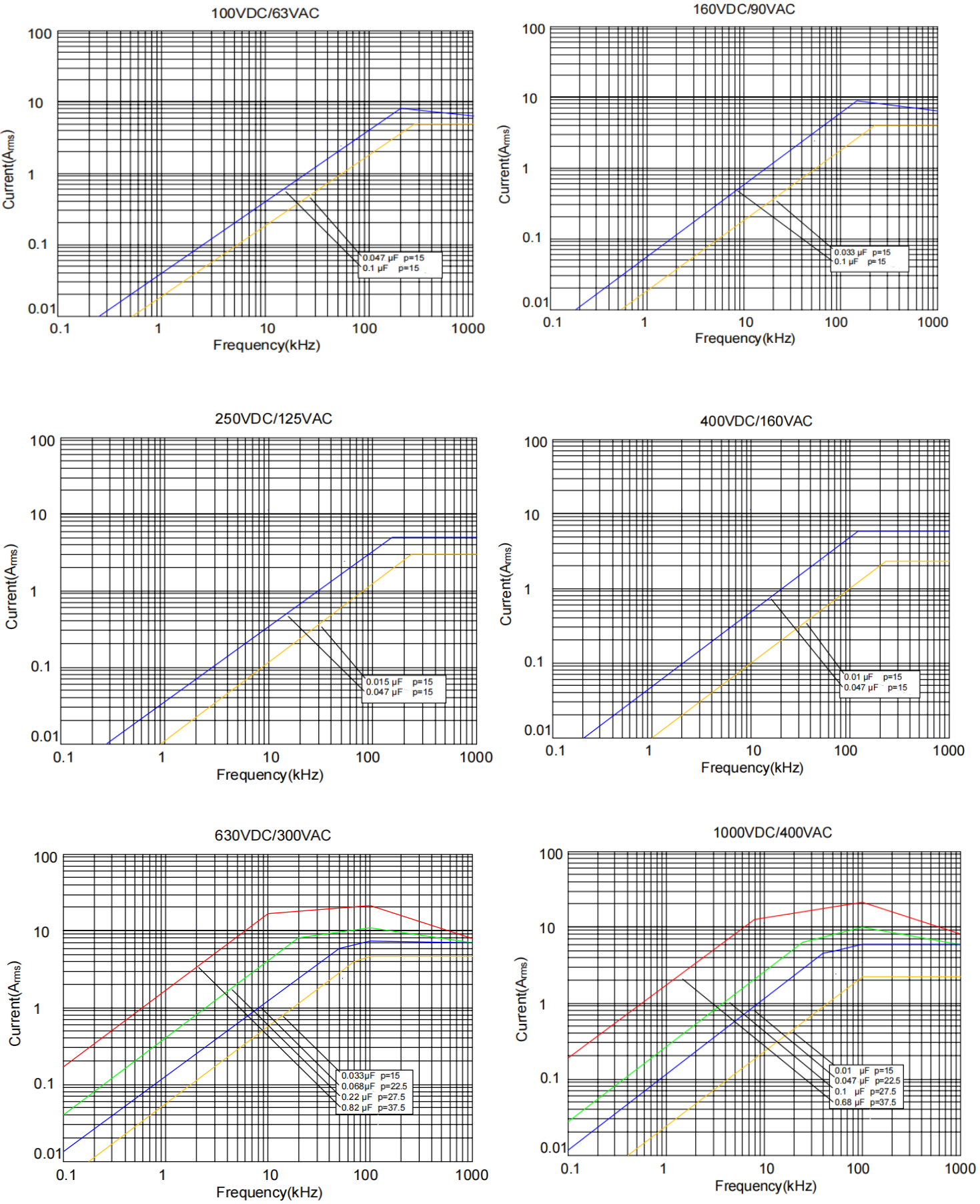
1600VDC/450VAC



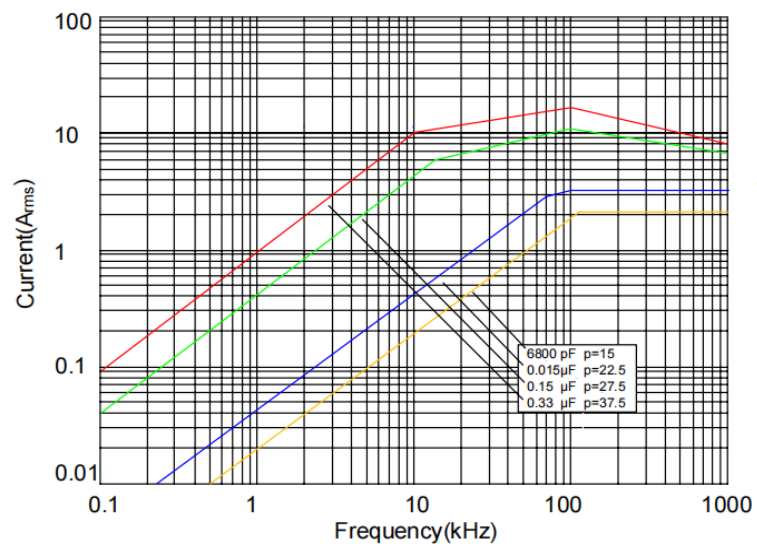
2000VDC/500VAC



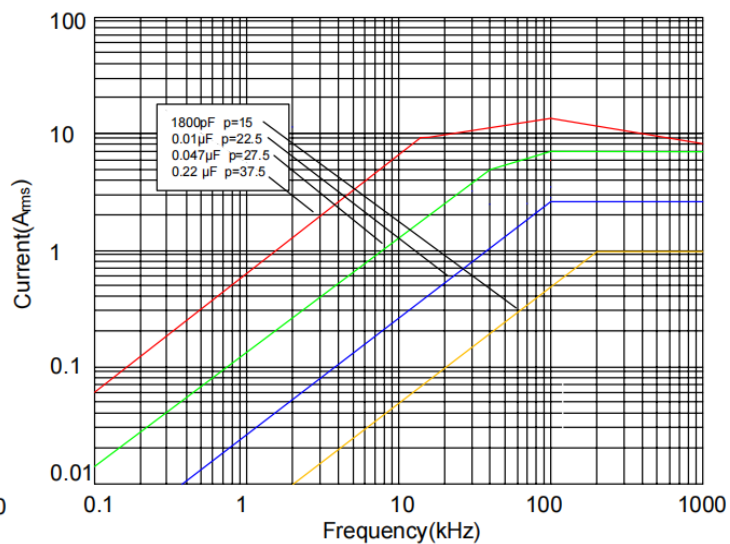
19.2 PERMISSIBLE AC CURRENT VS.FREQUENCY



1250VDC/450VAC



1600VDC/450VAC



2000VDC/500VAC

