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Data Sheet

Customer: _____

Product : Double sided metallized polypropylene film capacitor,
HPMD

Size: _____

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Date	Ver.	Description	Page
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VENDOR :

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PRODUCT DIMENSIONS

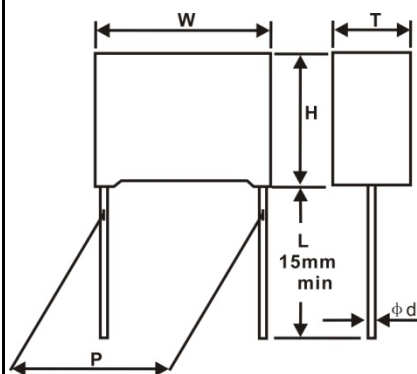


Fig. 1

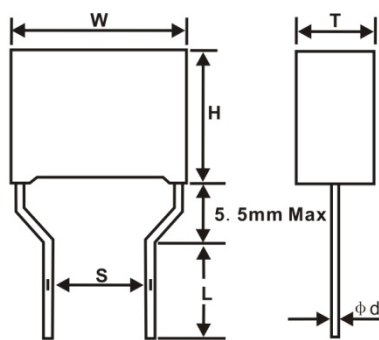


Fig. 2

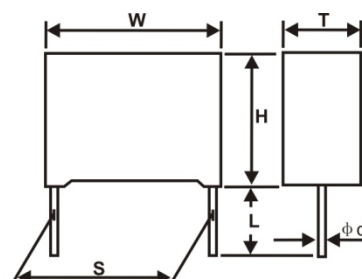


Fig. 3

HITANO P/N	CAP.(μ F)	Symbol	Tol. $\pm$ %	R.V.(DC)	Dimensions in mm							dV/dt (V/ μ S)	I _{peak} (A)	I _{rms} 100KHz (A)	Fig.	Notes
					W ± 0.5	H ± 0.5	T ± 0.5	P ± 0.5	S ± 0.5	ϕd ± 0.05	L Min					
HPMDB332J2JLAXLX	0.0033	332	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	13.2	0.8	1	Gray
HPMDB392J2JLAXLX	0.0039	392	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	15.6	1.0	1	Gray
HPMDB472J2JLAXLX	0.0047	472	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	18.8	1.2	1	Gray
HPMDB562J2JLAXLX	0.0056	562	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	22.4	1.4	1	Gray
HPMDB682J2JLAXLX	0.0068	682	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	27.2	1.6	1	Gray
HPMDB822J2JLAXLX	0.0082	822	5	630	13.0	9.0	4.0	10.0	NA	0.6	15.0	4000	32.8	1.8	1	Gray
HPMDB103J2JLAXLX	0.01	103	5	630	13.0	11.0	5.0	10.0	NA	0.6	15.0	4000	40	2.1	1	Gray
HPMDB123J2JLAXLX	0.012	123	5	630	13.0	11.0	5.0	10.0	NA	0.6	15.0	4000	48	2.3	1	Gray
HPMDB153J2JLAXLX	0.015	153	5	630	13.0	12.0	6.0	10.0	NA	0.6	15.0	4000	60	2.7	1	Gray
HPMDB183J2JLAXLX	0.018	183	5	630	13.0	12.0	6.0	10.0	NA	0.6	15.0	4000	72	3.0	1	Gray
HPMDB223J2JLAXL2	0.022	223	5	630	13.0	12.0	6.0	10.0	NA	0.6	15.0	4000	88	3.3	1	Gray
HPMDB273J2JLAXLX	0.027	273	5	630	13.0	12.0	6.0	10.0	NA	0.6	15.0	4000	108	3.6	1	Gray
HPMDB333J2JLAXLX	0.033	333	5	630	13.0	16.0	8.0	10.0	NA	0.6	15.0	4000	132	4.8	1	Gray
HPMDB473J2JLAXLX	0.047	473	5	630	13.0	16.0	8.0	10.0	NA	0.6	15.0	4000	188	5.7	1	Gray
HPMDB563J2JLAXLX	0.056	563	5	630	13.0	16.0	8.0	10.0	NA	0.6	15.0	4000	224	6.3	1	Gray
HPMDB103J2JLEXLX	0.01	103	5	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	30	2.2	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB123J2JLEXLX	0.012	123	5	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	36	2.5	1	Gray
HPMDB153J2JLEXLX	0.015	153	5	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	45	2.8	1	Gray
HPMDB183J2JLEXLX	0.018	183	5	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	54	3.1	1	Gray
HPMDB223J2JLEXLX	0.022	223	5	630	18.0	11.0	5.0	15.0	NA	0.6	15.0	3000	66	3.4	1	Gray
HPMDB273J2JLEXLX	0.027	273	5	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	3000	81	3.8	1	Gray
HPMDB333J2JLEXLX	0.033	333	5	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	3000	99	4.3	1	Gray
HPMDB393J2JLEXLX	0.039	393	5	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	3000	117	4.7	1	Gray
HPMDB473J2JLEXLY	0.047	473	5	630	18.0	12.0	6.0	15.0	NA	0.8	15.0	3000	141	5.1	1	Gray
HPMDB563J2JLEXL1	0.056	563	5	630	18.0	13.5	7.5	15.0	NA	0.8	15.0	3000	168	4.5	1	Gray
HPMDB683J2JLEXLX	0.068	683	5	630	18.0	14.5	8.5	15.0	NA	0.8	15.0	3000	204	5.1	1	Gray
HPMDB823J2JLEXLX	0.082	823	5	630	18.0	14.5	8.5	15.0	NA	0.8	15.0	3000	246	5.6	1	Gray
HPMDB104J2JLEXLX	0.1	104	5	630	18.0	16.0	10.0	15.0	NA	0.8	15.0	3000	300	6.4	1	Gray
HPMDB124J2JLEXL1	0.12	124	5	630	18.0	18.0	10.0	15.0	NA	0.8	15.0	3000	360	6.1	1	Gray
HPMDB154J2JLEXLX	0.15	154	5	630	18.0	18.5	11.0	15.0	NA	0.8	15.0	3000	450	6.9	1	Gray
HPMDB184J2JLEXLX	0.18	184	5	630	18.0	21.0	12.0	15.0	NA	0.8	15.0	3000	540	8.1	1	Gray
HPMDB473J2JLHXLX	0.047	473	5	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	1500	70.5	5.8	1	Gray
HPMDB563J2JLHXLX	0.056	563	5	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	1500	84	4.8	1	Gray
HPMDB683J2JLHXLX	0.068	683	5	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	1500	102	5.3	1	Gray
HPMDB823J2JLHXLX	0.082	823	5	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	1500	123	5.8	1	Gray
HPMDB104J2JLHXLX	0.1	104	5	630	26.5	15.0	6.0	22.5	NA	0.8	15.0	1500	150	6.4	1	Gray
HPMDB124J2JLHXLX	0.12	124	5	630	26.5	16.5	7.0	22.5	NA	0.8	15.0	1500	180	4.9	1	Gray
HPMDB154J2JLHXLX	0.15	154	5	630	26.0	17.0	8.5	22.5	NA	0.8	15.0	1500	225	5.7	1	Gray
HPMDB184J2JLHXLX	0.18	184	5	630	26.0	17.0	8.5	22.5	NA	0.8	15.0	1500	270	6.3	1	Gray
HPMDB224J2JLHXLX	0.22	224	5	630	26.5	19.0	10.0	22.5	NA	0.8	15.0	1500	330	7.2	1	Gray
HPMDB274J2JLHXLX	0.27	274	5	630	26.5	19.0	10.0	22.5	NA	0.8	15.0	1500	405	7.9	1	Gray
HPMDB334J2JLHXLX	0.33	334	5	630	26.0	20.0	11.0	22.5	NA	0.8	15.0	1500	495	9.0	1	Gray
HPMDB394J2JLHXLX	0.39	394	5	630	26.0	21.5	12.0	22.5	NA	0.8	15.0	1500	585	8.8	1	Gray
HPMDB474J2JLHXLX	0.47	474	5	630	26.5	23.0	13.0	22.5	NA	0.8	15.0	1500	705	9.7	1	Gray
HPMDB564J2JLHXLX	0.56	564	5	630	26.0	25.0	15.0	22.5	NA	0.8	15.0	1500	840	11.4	1	Gray
HPMDB154J2JLKXLX	0.15	154	5	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	900	135	6.0	1	Gray
HPMDB184J2JLKXLX	0.18	184	5	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	900	162	6.6	1	Gray
HPMDB224J2JLKXLX	0.22	224	5	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	900	198	7.3	1	Gray
HPMDB274J2JLKXLX	0.27	274	5	630	32.0	18.0	9.0	27.5	NA	0.8	15.0	900	243	8.0	1	Gray
HPMDB334J2JLKXLX	0.33	334	5	630	31.4	19.5	10.8	27.5	NA	0.8	15.0	900	297	9.4	1	Gray
HPMDB394J2JLKXLX	0.39	394	5	630	31.4	19.5	10.8	27.5	NA	0.8	15.0	900	351	8.8	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB474J2JLKXLY	0.47	474	5	630	31.5	21.6	13.0	27.5	NA	0.8	15.0	900	423	10.1	1	Gray
HPMDB564J2JLKXL1	0.56	564	5	630	31.5	21.6	13.0	27.5	NA	0.8	15.0	900	504	11.0	1	Gray
HPMDB684J2JLKXLX	0.68	684	5	630	31.0	25.0	14.0	27.5	NA	0.8	15.0	900	612	10.1	1	Gray
HPMDB824J2JLKXLX	0.82	824	5	630	32.0	28.0	18.0	27.5	NA	0.8	15.0	900	738	11.5	1	Gray
HPMDB105J2JLKXL2	1.0	105	5	630	31.0	33.0	18.0	27.5	NA	0.8	15.0	900	900	12.5	1	Gray
HPMDB125J2JLKXLX	1.2	125	5	630	31.0	33.0	18.0	27.5	NA	0.8	15.0	900	1080	12.8	1	Gray
HPMDB155J2JLKXL1	1.5	155	5	630	32.0	37.0	22.0	27.5	NA	0.8	15.0	900	1350	15.1	1	Gray
HPMDB185J2JLKXLX	1.8	185	5	630	32.0	37.0	22.0	27.5	NA	0.8	15.0	900	1620	13.5	1	Gray
HPMDB471J3AL9XLX	0.00047	471	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	2.82	0.1	1	Gray
HPMDB561J3AL9XLX	0.00056	561	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	3.36	0.1	1	Gray
HPMDB681J3AL9XLX	0.00068	681	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	4.08	0.2	1	Gray
HPMDB821J3AL9XLX	0.00082	821	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	4.92	0.2	1	Gray
HPMDB102J3AL9XL1	0.001	102	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	6	0.3	1	Gray
HPMDB122J3AL9XLX	0.0012	122	5	1000	10.0	9.0	4.0	7.5	NA	0.6	15.0	6000	7.2	0.3	1	Gray
HPMDB152J3AL9XLX	0.0015	152	5	1000	10.0	11.0	5.0	7.5	NA	0.6	15.0	6000	9	0.4	1	Gray
HPMDB182J3AL9XLX	0.0018	182	5	1000	10.0	11.0	5.0	7.5	NA	0.6	15.0	6000	10.8	0.5	1	Gray
HPMDB222J3AL9XLX	0.0022	222	5	1000	10.0	11.0	5.0	7.5	NA	0.6	15.0	6000	13.2	0.6	1	Gray
HPMDB272J3AL9XLX	0.0027	272	5	1000	10.5	12.0	6.0	7.5	NA	0.6	15.0	6000	16.2	0.7	1	Gray
HPMDB332J3AL9XLX	0.0033	332	5	1000	10.5	12.0	6.0	7.5	NA	0.6	15.0	6000	19.8	0.8	1	Gray
HPMDB471J3ALAXLX	0.00047	471	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	3.055	0.2	1	Gray
HPMDB561J3ALAXLX	0.00056	561	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	3.64	0.2	1	Gray
HPMDB681J3ALAXLX	0.00068	681	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	4.42	0.3	1	Gray
HPMDB821J3ALAXLX	0.00082	821	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	5.33	0.3	1	Gray
HPMDB102J3ALAXLX	0.001	102	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	6.5	0.4	1	Gray
HPMDB122J3ALAXLX	0.0012	122	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	7.8	0.5	1	Gray
HPMDB152J3ALAXLX	0.0015	152	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	9.75	0.6	1	Gray
HPMDB182J3ALAXLX	0.0018	182	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	11.7	0.7	1	Gray
HPMDB222J3ALAXLX	0.0022	222	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	14.3	0.8	1	Gray
HPMDB272J3ALAXLX	0.0027	272	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	17.55	1.0	1	Gray
HPMDB332J3ALAXLY	0.0033	332	5	1000	13.0	9.0	4.0	10.0	NA	0.6	15.0	6500	21.45	1.1	1	Gray
HPMDB392J3ALAXLX	0.0039	392	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	25.35	1.3	1	Gray
HPMDB472J3ALAXLY	0.0047	472	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	30.55	1.5	1	Gray
HPMDB562J3ALAXLX	0.0056	562	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	36.4	1.7	1	Gray
HPMDB682J3ALAXLX	0.0068	682	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	44.2	1.8	1	Gray
HPMDB822J3ALAXLX	0.0082	822	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	53.3	1.9	1	Gray
HPMDB103J3ALAXLX	0.01	103	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	65	2.1	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB123J3ALAXLY	0.012	123	5	1000	13.0	11.0	5.0	10.0	NA	0.6	15.0	6500	78	2.3	1	Gray
HPMDB153J3ALAXLX	0.015	153	5	1000	13.0	12.0	6.0	10.0	NA	0.6	15.0	6500	97.5	2.7	1	Gray
HPMDB822J3ALEXLX	0.0082	822	5	1000	18.0	11.0	5.0	15.0	NA	0.6	15.0	3500	28.7	2.1	1	Gray
HPMDB103J3ALEXLS	0.01	103	5	1000	18.0	11.0	5.0	15.0	NA	0.8	15.0	3500	35	2.3	1	Gray
HPMDB123J3ALEXLS	0.012	123	5	1000	18.0	11.0	5.0	15.0	NA	0.8	15.0	3500	42	2.5	1	Gray
HPMDB153J3ALEXLS	0.015	153	5	1000	18.0	11.0	5.0	15.0	NA	0.8	15.0	3500	52.5	2.8	1	Gray
HPMDB183J3ALEXLS	0.018	183	5	1000	18.0	11.0	5.0	15.0	NA	0.8	15.0	3500	63	3.1	1	Gray
HPMDB223J3ALEXLS	0.022	223	5	1000	18.0	11.0	5.0	15.0	NA	0.8	15.0	3500	77	3.5	1	Gray
HPMDB273J3ALEXLS	0.027	273	5	1000	18.0	12.0	6.0	15.0	NA	0.8	15.0	3500	94.5	3.9	1	Gray
HPMDB333J3ALEXLS	0.033	333	5	1000	18.0	12.0	6.0	15.0	NA	0.8	15.0	3500	115.5	4.3	1	Gray
HPMDB393J3ALEXLS	0.039	393	5	1000	18.0	13.5	7.5	15.0	NA	0.8	15.0	3500	136.5	4.9	1	Gray
HPMDB473J3ALEXLS	0.047	473	5	1000	18.0	13.5	7.5	15.0	NA	0.8	15.0	3500	164.5	5.4	1	Gray
HPMDB563J3ALEXLS	0.056	563	5	1000	18.0	13.5	7.5	15.0	NA	0.8	15.0	3500	196	4.6	1	Gray
HPMDB683J3ALEXLS	0.068	683	5	1000	18.0	14.5	8.5	15.0	NA	0.8	15.0	3500	238	5.1	1	Gray
HPMDB823J3ALEXLS	0.082	823	5	1000	18.0	14.5	8.5	15.0	NA	0.8	15.0	3500	287	5.8	1	Gray
HPMDB104J3ALEXLS	0.1	104	5	1000	18.0	16.0	10.0	15.0	NA	0.8	15.0	3500	350	6.7	1	Gray
HPMDB124J3ALEXL1	0.12	124	5	1000	18.0	18.0	10.0	15.0	NA	0.8	15.0	3500	420	6.1	1	Gray
HPMDB273J3ALHXL1	0.027	273	5	1000	26.5	15.0	6.0	22.5	NA	0.8	15.0	2100	56.7	4.4	1	Gray
HPMDB333J3ALHXLX	0.033	333	5	1000	26.5	15.0	6.0	22.5	NA	0.8	15.0	2100	69.3	4.9	1	Gray
HPMDB393J3ALHXL1	0.039	393	5	1000	26.5	15.0	6.0	22.5	NA	0.8	15.0	2100	81.9	5.3	1	Gray
HPMDB473J3ALHXL1	0.047	473	5	1000	26.5	15.0	6.0	22.5	NA	0.8	15.0	2100	98.7	5.8	1	Gray
HPMDB563J3ALHXLX	0.056	563	5	1000	26.5	15.0	6.0	22.5	NA	0.8	15.0	2100	117.6	4.8	1	Gray
HPMDB683J3ALHXL1	0.068	683	5	1000	26.5	16.5	7.0	22.5	NA	0.8	15.0	2100	142.8	5.5	1	Gray
HPMDB823J3ALHXLX	0.082	823	5	1000	26.0	17.0	8.5	22.5	NA	0.8	15.0	2100	172.2	6.0	1	Gray
HPMDB104J3ALHXLX	0.1	104	5	1000	26.0	17.0	8.5	22.5	NA	0.8	15.0	2100	210	6.8	1	Gray
HPMDB124J3ALHXL1	0.12	124	5	1000	26.0	17.0	8.5	22.5	NA	0.8	15.0	2100	252	5.1	1	Gray
HPMDB154J3ALHXLX	0.15	154	5	1000	26.5	19.0	10.0	22.5	NA	0.8	15.0	2100	315	5.9	1	Gray
HPMDB184J3ALHXL1	0.18	184	5	1000	26.0	20.0	11.0	22.5	NA	0.8	15.0	2100	378	6.7	1	Gray
HPMDB224J3ALHXL1	0.22	224	5	1000	26.0	20.0	11.0	22.5	NA	0.8	15.0	2100	462	7.4	1	Gray
HPMDB274J3ALHXLX	0.27	274	5	1000	26.5	23.0	13.0	22.5	NA	0.8	15.0	2100	567	8.5	1	Gray
HPMDB334J3ALHXLX	0.33	334	5	1000	26.0	25.0	15.0	22.5	NA	0.8	15.0	2100	693	9.4	1	Gray
HPMDB394J3ALHXLX	0.39	394	5	1000	26.0	25.0	15.0	22.5	NA	0.8	15.0	2100	819	9.5	1	Gray
HPMDB104J3ALKXLX	0.1	104	5	1000	32.0	18.0	9.0	27.5	NA	0.8	15.0	1000	100	7.2	1	Gray
HPMDB124J3ALKXLX	0.12	124	5	1000	32.0	18.0	9.0	27.5	NA	0.8	15.0	1000	120	5.4	1	Gray
HPMDB154J3ALKXLX	0.15	154	5	1000	31.4	19.5	10.8	27.5	NA	0.8	15.0	1000	150	6.3	1	Gray
HPMDB184J3ALKXLX	0.18	184	5	1000	31.4	19.5	10.8	27.5	NA	0.8	15.0	1000	180	7.2	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB224J3ALKXL1	0.22	224	5	1000	31.5	21.6	13.0	27.5	NA	0.8	15.0	1000	220	8.0	1	Gray
HPMDB274J3ALKXLX	0.27	274	5	1000	31.5	21.6	13.0	27.5	NA	0.8	15.0	1000	270	9.0	1	Gray
HPMDB334J3ALKXLX	0.33	334	5	1000	31.0	25.0	14.0	27.5	NA	0.8	15.0	1000	330	10.3	1	Gray
HPMDB334J3ALKXL1	0.33	334	5	1000	31.4	19.5	10.8	27.5	NA	0.8	15.0	900	297	9.4	1	Gray
HPMDB394J3ALKXLX	0.39	394	5	1000	32.0	28.0	18.0	27.5	NA	0.8	15.0	1000	390	10.3	1	Gray
HPMDB474J3ALKXLX	0.47	474	5	1000	32.0	28.0	18.0	27.5	NA	0.8	15.0	1000	470	11.3	1	Gray
HPMDB564J3ALKXLX	0.56	564	5	1000	32.0	37.0	22.0	27.5	NA	0.8	15.0	1000	560	13.0	1	Gray
HPMDB684J3ALKXL1	0.68	684	5	1000	32.0	37.0	22.0	27.5	NA	0.8	15.0	1000	680	11.7	1	Gray
HPMDB684J3ALKXLX	0.68	684	5	1000	32.0	28.0	18.0	27.5	NA	0.8	15.0	1000	680	9.6	1	Gray
HPMDB185J3ALQXLX	1.8	185	5	1000	41.5	45.0	30.0	37.5	NA	1.0	15.0	500	900	15.3	1	Gray
HPMDB225J3ALQXLX	2.2	225	5	1000	41.5	45.0	30.0	37.5	NA	1.0	15.0	500	1100	17.0	1	Gray
HPMDB222J3CLAXLX	0.0022	222	5	1600	13.0	9.0	4.0	10.0	NA	0.6	15.0	8000	17.6	0.9	1	Gray
HPMDB332J3CLAXLX	0.0033	332	5	1600	13.0	9.0	4.0	10.0	NA	0.6	15.0	8000	26.4	1.2	1	Gray
HPMDB392J3CLAXL1	0.0039	392	5	1600	13.0	11.0	5.0	10.0	NA	0.6	15.0	8000	31.2	1.3	1	Gray
HPMDB472J3CLAXLX	0.0047	472	5	1600	13.0	11.0	5.0	10.0	NA	0.6	15.0	8000	37.6	1.5	1	Gray
HPMDB562J3CLAXLX	0.0056	562	5	1600	13.0	12.0	6.0	10.0	NA	0.6	15.0	8000	44.8	1.7	1	Gray
HPMDB682J3CLAXLX	0.0068	682	5	1600	13.0	12.0	6.0	10.0	NA	0.6	15.0	8000	54.4	1.8	1	Gray
HPMDB332J3CLEXLX	0.0033	332	5	1600	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	19.8	1.3	1	Gray
HPMDB392J3CLEXLX	0.0039	392	5	1600	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	23.4	1.4	1	Gray
HPMDB472J3CLEXLX	0.0047	472	5	1600	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	28.2	1.6	1	Gray
HPMDB562J3CLEXLX	0.0056	562	5	1600	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	33.6	1.7	1	Gray
HPMDB682J3CLEXL1	0.0068	682	5	1600	18.0	11.0	5.0	15.0	NA	0.8	15.0	6000	40.8	1.9	1	Gray
HPMDB822J3CLEXL1	0.0082	822	5	1600	18.0	11.0	5.0	15.0	NA	0.6	15.0	6000	49.2	2.1	1	Gray
HPMDB103J3CLEXLX	0.01	103	5	1600	18.0	12.0	6.0	15.0	NA	0.8	15.0	6000	60	2.3	1	Gray
HPMDB123J3CLEXLX	0.012	123	5	1600	18.0	12.0	6.0	15.0	NA	0.8	15.0	6000	72	2.6	1	Gray
HPMDB153J3CLEXLX	0.015	153	5	1600	18.0	12.0	6.0	15.0	NA	0.8	15.0	6000	90	2.9	1	Gray
HPMDB183J3CLEXLX	0.018	183	5	1600	18.0	13.5	7.5	15.0	NA	0.8	15.0	6000	108	3.3	1	Gray
HPMDB223J3CLEXL1	0.022	223	5	1600	18.0	13.5	7.5	15.0	NA	0.8	15.0	6000	132	3.7	1	Gray
HPMDB273J3CLEXL1	0.027	273	5	1600	18.0	13.5	7.5	15.0	NA	0.8	15.0	6000	162	4.2	1	Gray
HPMDB333J3CLEXLX	0.033	333	5	1600	18.0	14.5	8.5	15.0	NA	0.8	15.0	6000	198	4.7	1	Gray
HPMDB393J3CLEXLX	0.039	393	5	1600	18.0	17.0	8.5	15.0	NA	0.8	15.0	6000	234	5.3	1	Gray
HPMDB473J3CLEXLX	0.047	473	5	1600	18.0	17.0	8.5	15.0	NA	0.8	15.0	6000	282	6.1	1	Gray
HPMDB563J3CLEXLX	0.056	563	5	1600	18.0	18.0	10.0	15.0	NA	0.8	15.0	6000	336	5.0	1	Gray
HPMDB223J3CLHXL1	0.022	223	5	1600	26.5	15.0	6.0	22.5	NA	0.8	15.0	3000	66	4.0	1	Gray
HPMDB273J3CLHXL1	0.027	273	5	1600	26.5	15.0	6.0	22.5	NA	0.8	15.0	3000	81	4.4	1	Gray
HPMDB333J3CLHXL1	0.033	333	5	1600	26.5	15.0	6.0	22.5	NA	0.8	15.0	3000	99	4.9	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB393J3CLHXL1	0.039	393	5	1600	26.5	15.0	6.0	22.5	NA	0.8	15.0	3000	117	5.5	1	Gray
HPMDB473J3CLHXL1	0.047	473	5	1600	26.5	16.5	7.0	22.5	NA	0.8	15.0	3000	141	6.0	1	Gray
HPMDB563J3CLHXLX	0.056	563	5	1600	26.0	17.0	8.5	22.5	NA	0.8	15.0	3000	168	5.1	1	Gray
HPMDB683J3CLHXLX	0.068	683	5	1600	26.0	17.0	8.5	22.5	NA	0.8	15.0	3000	204	5.8	1	Gray
HPMDB823J3CLHXLX	0.082	823	5	1600	26.0	15.8	10.0	22.5	NA	0.8	15.0	3000	246	6.8	1	Gray
HPMDB104J3CLHXL1	0.1	104	5	1600	26.0	20.0	11.0	22.5	NA	0.8	15.0	3000	300	7.3	1	Gray
HPMDB124J3CLHXLX	0.12	124	5	1600	26.0	20.0	11.0	22.5	NA	0.8	15.0	3000	360	5.7	1	Gray
HPMDB154J3CLHXLX	0.15	154	5	1600	26.5	23.0	13.0	22.5	NA	0.8	15.0	3000	450	6.3	1	Gray
HPMDB224J3CLHXLX	0.22	224	5	1600	26.0	25.0	15.0	22.5	NA	0.8	15.0	3000	660	8.1	1	Gray
HPMDB473J3CLKXL1	0.047	473	5	1600	32.0	18.0	9.0	27.5	NA	0.8	15.0	2000	112	5.4	1	Gray
HPMDB563J3CLKXLX	0.056	563	5	1600	32.0	18.0	9.0	27.5	NA	0.8	15.0	2000	136	5.9	1	Gray
HPMDB683J3CLKXLX	0.068	683	5	1600	32.0	18.0	9.0	27.5	NA	0.8	15.0	2000	164	6.9	1	Gray
HPMDB823J3CLKXLX	0.082	823	5	1600	32.0	18.0	9.0	27.5	NA	0.8	15.0	2000	200	7.6	1	Gray
HPMDB104J3CLKXLX	0.1	104	5	1600	32.0	20.0	11.0	27.5	NA	0.8	15.0	2000	240	5.7	1	Gray
HPMDB124J3CLKXLX	0.12	124	5	1600	32.0	20.0	11.0	27.5	NA	0.8	15.0	2000	94	5.8	1	Gray
HPMDB154J3CLKXLX	0.15	154	5	1600	31.5	21.6	13.0	27.5	NA	0.8	15.0	2000	300	6.6	1	Gray
HPMDB184J3CLKXLX	0.18	184	5	1600	31.0	25.0	14.0	27.5	NA	0.8	15.0	2000	360	7.4	1	Gray
HPMDB224J3CLKXLX	0.22	224	5	1600	31.0	25.0	14.0	27.5	NA	0.8	15.0	2000	440	8.4	1	Gray
HPMDB274J3CLKXLX	0.27	274	5	1600	32.0	28.0	18.0	27.5	NA	0.8	15.0	2000	540	9.9	1	Gray
HPMDB334J3CLKXLX	0.33	334	5	1600	31.0	33.0	18.0	27.5	NA	0.8	15.0	2000	660	11.0	1	Gray
HPMDB104J3CLQXLX	0.1	104	5	1600	42.0	22.0	12.0	37.5	NA	1.0	15.0	1200	120	8.1	1	Gray
HPMDB124J3CLQXLX	0.12	124	5	1600	42.0	22.0	12.0	37.5	NA	1.0	15.0	1200	144	6.1	1	Gray
HPMDB184J3CLQXLX	0.18	184	5	1600	41.0	24.0	13.0	37.5	NA	1.0	15.0	1200	216	7.7	1	Gray
HPMDB224J3CLQXLX	0.22	224	5	1600	41.0	24.0	13.0	37.5	NA	1.0	15.0	1200	264	8.5	1	Gray
HPMDB274J3CLQXLX	0.27	274	5	1600	41.0	24.0	13.0	37.5	NA	1.0	15.0	1200	324	9.5	1	Gray
HPMDB334J3CLQXLX	0.33	334	5	1600	42.0	25.0	14.0	37.5	NA	1.0	15.0	1200	396	11.1	1	Gray
HPMDB394J3CLQXLX	0.39	394	5	1600	41.0	28.5	16.0	37.5	NA	1.0	15.0	1200	468	10.4	1	Gray
HPMDB474J3CLQXLX	0.47	474	5	1600	41.0	28.5	16.0	37.5	NA	1.0	15.0	1200	564	12.0	1	Gray
HPMDB564J3CLQXLX	0.56	564	5	1600	41.5	34.0	20.5	37.5	NA	1.0	15.0	1200	672	13.7	1	Gray
HPMDB684J3CLQXLX	0.68	684	5	1600	41.5	34.0	20.5	37.5	NA	1.0	15.0	1200	816	12.3	1	Gray
HPMDB824J3CLQXLX	0.82	824	5	1600	42.0	39.5	20.0	37.5	NA	1.0	15.0	1200	984	14.1	1	Gray
HPMDB221J3DLEXLY	0.00022	221	5	2000	18.0	11.0	5.0	15.0	NA	0.8	15.0	11000	2.42	0.1	1	Gray
HPMDB271J3DLEXLY	0.00027	271	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	11000	2.97	0.1	1	Gray
HPMDB331J3DLEXL1	0.00033	331	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	11000	3.63	0.1	1	Gray
HPMDB391J3DLEXLY	0.00039	391	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	11000	4.29	0.2	1	Gray
HPMDB471J3DLEXLY	0.00047	471	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	4.465	0.2	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB561J3DLEXLX	0.00056	561	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	5.32	0.2	1	Gray
HPMDB681J3DLEXLX	0.00068	681	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	6.46	0.3	1	Gray
HPMDB821J3DLEXLX	0.00082	821	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	7.79	0.4	1	Gray
HPMDB102J3DLEXLX	0.001	102	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	9.5	0.4	1	Gray
HPMDB122J3DLEXLX	0.0012	122	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	11.4	0.5	1	Gray
HPMDB152J3DLEXLX	0.0015	152	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	14.25	0.7	1	Gray
HPMDB182J3DLEXLX	0.0018	182	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	17.1	0.8	1	Gray
HPMDB222J3DLEXL1	0.0022	222	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	20.9	1.0	1	Gray
HPMDB272J3DLEXLX	0.0027	272	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	25.65	1.2	1	Gray
HPMDB332J3DLEXLX	0.0033	332	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	31.35	1.3	1	Gray
HPMDB392J3DLEXLX	0.0039	392	5	2000	18.0	11.0	5.0	15.0	NA	0.6	15.0	9500	37.05	1.4	1	Gray
HPMDB472J3DLEXLX	0.0047	472	5	2000	18.0	11.0	5.0	15.0	NA	0.8	15.0	9500	44.65	1.6	1	Gray
HPMDB562J3DLEXLX	0.0056	562	5	2000	18.0	12.0	6.0	15.0	NA	0.8	15.0	9500	53.2	1.8	1	Gray
HPMDB682J3DLEXL1	0.0068	682	5	2000	18.0	12.0	6.0	15.0	NA	0.8	15.0	9500	64.6	2.0	1	Gray
HPMDB822J3DLEXLX	0.0082	822	5	2000	18.0	12.0	6.0	15.0	NA	0.8	15.0	9500	77.9	2.1	1	Gray
HPMDB103J3DLEXLX	0.01	103	5	2000	18.0	13.5	7.5	15.0	NA	0.8	15.0	9500	95	2.5	1	Gray
HPMDB153J3DLEXLX	0.015	153	5	2000	18.0	14.5	8.5	15.0	NA	0.8	15.0	9500	142.5	3.1	1	Gray
HPMDB183J3DLEXLX	0.018	183	5	2000	18.0	16.0	10.0	15.0	NA	0.8	15.0	9500	171	3.6	1	Gray
HPMDB223J3DLEXLX	0.022	223	5	2000	18.0	18.0	10.0	15.0	NA	0.8	15.0	9500	209	4.0	1	Gray
HPMDB273J3DLEXLX	0.027	273	5	2000	18.0	19.0	11.0	15.0	NA	0.8	15.0	9500	256.5	4.6	1	Gray
HPMDB102J3DLHXLX	0.001	102	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	4.5	0.4	1	Gray
HPMDB122J3DLHXLX	0.0012	122	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	5.4	0.5	1	Gray
HPMDB152J3DLHXLX	0.0015	152	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	6.75	0.7	1	Gray
HPMDB182J3DLHXLX	0.0018	182	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	8.1	0.8	1	Gray
HPMDB222J3DLHXLX	0.0022	222	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	9.9	1.0	1	Gray
HPMDB272J3DLHXLX	0.0027	272	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	12.15	1.2	1	Gray
HPMDB332J3DLHXLX	0.0033	332	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	14.85	1.5	1	Gray
HPMDB392J3DLHXLX	0.0039	392	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	17.55	1.7	1	Gray
HPMDB472J3DLHXLX	0.0047	472	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	21.15	1.8	1	Gray
HPMDB562J3DLHXLX	0.0056	562	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	25.2	2.0	1	Gray
HPMDB682J3DLHXLX	0.0068	682	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	30.6	2.2	1	Gray
HPMDB822J3DLHXLX	0.0082	822	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	36.9	2.4	1	Gray
HPMDB103J3DLHXL1	0.01	103	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	45	2.7	1	Gray
HPMDB123J3DLHXLX	0.012	123	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	54	2.9	1	Gray
HPMDB153J3DLHXL1	0.015	153	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	67.5	3.3	1	Gray
HPMDB183J3DLHXLX	0.018	183	5	2000	26.5	15.0	6.0	22.5	NA	0.8	15.0	4500	81	3.6	1	Gray

HITANO P/N	CAP.(uF)	Symbol	Tol.±%	R.V.(DC)	Dimensions in mm							dV/dt (V/uS)	Ipeak (A)	Irms 100KHz (A)	Fig.	Notes
					W ±0.5	H ±0.5	T ±0.5	P ±0.5	S ±0.5	φd ±0.05	L Min					
HPMDB223J3DLHXLX	0.022	223	5	2000	26.5	16.5	7.0	22.5	NA	0.8	15.0	4500	99	4.1	1	Gray
HPMDB273J3DLHXLX	0.027	273	5	2000	26.5	16.5	7.0	22.5	NA	0.8	15.0	4500	121.5	4.5	1	Gray
HPMDB333J3DLHXLX	0.033	333	5	2000	26.0	17.0	8.5	22.5	NA	0.8	15.0	4500	148.5	5.2	1	Gray
HPMDB393J3DLHXLX	0.039	393	5	2000	26.0	17.0	8.5	22.5	NA	0.8	15.0	4500	175.5	5.6	1	Gray
HPMDB563J3DLHXLX	0.056	563	5	2000	26.0	20.0	11.0	22.5	NA	0.8	15.0	4500	252	5.4	1	Gray
HPMDB683J3DLHXL1	0.068	683	5	2000	26.0	21.5	12.0	22.5	NA	0.8	15.0	4500	306	6.0	1	Gray
HPMDB823J3DLHXLX	0.082	823	5	2000	26.5	23.0	13.0	22.5	NA	0.8	15.0	4500	369	6.8	1	Gray
HPMDB104J3DLHXL1	0.1	104	5	2000	26.0	25.0	15.0	22.5	NA	0.8	15.0	4500	450	8.1	1	Gray
HPMDB333J3DLKXLX	0.033	333	5	2000	32.0	18.0	9.0	27.5	NA	0.8	15.0	2500	82.5	4.9	1	Gray
HPMDB393J3DLKXLX	0.039	393	5	2000	32.0	18.0	9.0	27.5	NA	0.8	15.0	2500	97.5	5.6	1	Gray
HPMDB473J3DLKXLX	0.047	473	5	2000	32.0	20.0	11.0	27.5	NA	0.8	15.0	2500	117.5	6.1	1	Gray
HPMDB563J3DLKXLX	0.056	563	5	2000	32.0	20.0	11.0	27.5	NA	0.8	15.0	2500	140	5.9	1	Gray
HPMDB683J3DLKXLX	0.068	683	5	2000	31.0	22.0	13.0	27.5	NA	0.8	15.0	2500	170	6.5	1	Gray
HPMDB104J3DLKXLX	0.1	104	5	2000	31.0	25.0	14.0	27.5	NA	0.8	15.0	2500	250	8.3	1	Gray
HPMDB124J3DLKXLX	0.12	124	5	2000	31.0	25.0	14.0	27.5	NA	0.8	15.0	2500	300	6.6	1	Gray
HPMDB154J3DLKXLX	0.15	154	5	2000	32.0	28.0	18.0	27.5	NA	0.8	15.0	2500	375	7.4	1	Gray
HPMDB184J3DLKXLX	0.18	184	5	2000	32.0	28.0	18.0	27.5	NA	0.8	15.0	2500	450	8.5	1	Gray
HPMDB224J3DLKXLX	0.22	224	5	2000	32.0	37.0	22.0	27.5	NA	0.8	15.0	2500	550	9.4	1	Gray

PRODUCT CODE COMPARATIVE TABLE

Product coding

TYPE: HPMD

HPMD	B	1 0 6	K	3J	L	Q	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 of capacitor

Type or class	HPMD
Code	HPMD

② Shape category or other

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

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"

**** 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 CODE COMPARATIVE TABLE

TYPE: HPMD

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

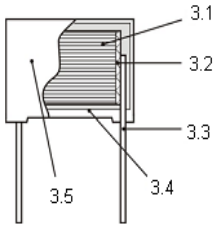
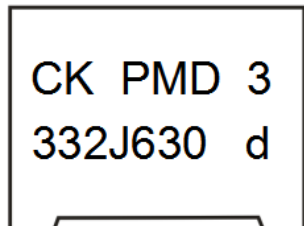
Note: L for wire and ⑥ pin forming the "L",Use V for uncommon foot length

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 offical P/N will be released during the mass production.

PRODUCT SPECIFICATIONS

TYPE: **HPMD**

NO.	ITEM	DESCRIPTIONS
1	SCOPE	This specifications cover the requirements of CHIEFCON Double sided metallized polypropylene film capacitor, Type :HPMD
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	OPERATING TEMPERATURE RANGE	-40°C to +105°C. (+85°C to +105°C : Decreasing factor 1.25% per °C for Ur)
3	CONSTRUCTION	
3.1	DIELECTRIC	Metallized Polypropylene Film
3.2	METAL SPRAY	Special Solder
3.3	LEAD WIRE	LEAD WIRE DIAMETER 0.6/0.8/1.0mm
3.4	EPOXY RESIN	UL 94V-0
3.5	PLASTIC CASE	UL 94V-0
		
4	MARKING	
4.1	TYPE OR MATERIAL	“PMD” stands for “PMD” 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	d
example 		

PRODUCT SPECIFICATIONS

 TYPE: **HPMD**

5	ELECTRICAL CHARACTERISTICS			
NO.	ITEM		PERFORMANCE	TEST CONDITIONS
5.1	Capacitance(CAP)		Within the tolerance specified.	Measuring Frequency : 1KHz +/-10% Measuring Voltage : <=1 Vrms.
5.2	Voltage Proof (Ur)	Between Terminals	Shall be no abnormality	1.5 times of Ur for 10 sec.
		Between Terminals & Enclosure	Shall be no abnormality	Apply 2000VAC for 2 to 5 sec.
5.3	Insulation Resistance (I.R.)		$\geq 100000 \text{ Mohm (C} \leq 0.33 \mu\text{f)}$ $\geq 30000 \text{ Mohm} \cdot \mu\text{F/C (C} > 0.33 \mu\text{f)}$	DC voltage specified below shall be applied for 60 sec., after which measurement shall be made. R.V. of 100 to 500V: 100+/-15V, R.V. of $\geq 630\text{V}$: 500+/-50V
5.4	Dissipation Factor (DF)		$\leq 0.001(0.1\%)$ at 1 KHz	Measuring Frequency : +/-2% Measuring Voltage : <=1 Vrms.
5.5	Solderability		More than 90% of circumferential surface of lead wire shall be covered with new solder.	Soldering temperature : +260+/-5°C Immersion duration : 2+/-0.5sec.
6	MECHANICAL CHARACTERISTICS			
6.1	Terminal strength	Tensile	Shall be no abnormality	Apply 1.0Kg (10N) for 10+/-2 sec to the terminal in the axial direction and acting in a direction away from the body.
		Bending	Shall be no abnormality	Apply 0.5Kg (5N) for 2 cycles Each cycle includes: 90° once, return to its initial position for 2-3 sec, and then to the opposite direction once.

PRODUCT SPECIFICATIONS

 TYPE: **HPMD**

NO.	ITEM		PERFORMANCE	TEST CONDITIONS
6.2	Vibration Resistance	Connection strength	Shall be no open or short-circuiting. The connection shall be stable	Frequency Change: 10-55-10Hz Vibration Distance: 1.5 mm. Test Direction: X, Y, Z Test Duration: 2 +1/-0 hrs each direction
		Appearance	Shall be no mechanical damage	
7	ENDURANCE CHARACTERISTICS			
7.1	Temperature cycle	Appearance	Shall be no remarkable change	Test Temperature Cycle : Total 5 cycles. Each cycle includes : 1. +20 +/-2°C for 3 min. 2. -40 +0/-3°C for 30 min. 3. +20 +/-2°C for 3 min. 4. +85 +3/-0°C for 30min. 5. +20 +/-2°C for 3 min.
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
7.2	Dry Heat Resistance	Appearance	Shall be no remarkable change	Test Temperature: +85 +/-2°C Test Duration: 16 +1/-0 hrs.
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	

PRODUCT SPECIFICATIONS

 TYPE: **HPMD**

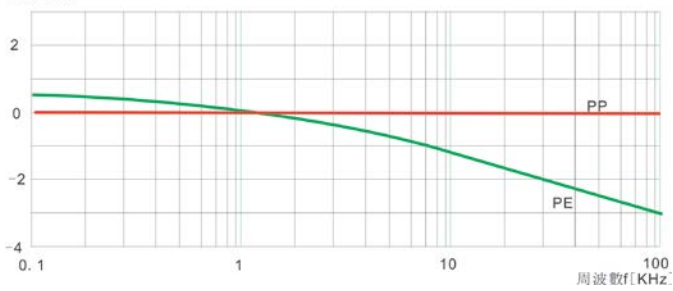
NO.	ITEM		PERFORMANCE	TEST CONDITIONS
7.3	Cold Resistance	Appearance	Shall be no remarkable change	Test Temperature: -40 +/- 3°C Test Duration: 2 +/- 0 hrs.
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
7.4	Humidity Resistance	Appearance	Shall be no remarkable change	Test Temperature: +40 +/- 2°C. Test Humidity: 90% to 95% R.H. Test Duration: 500 + 24/-0 Hrs After test, allow it stay alone for 4 Hrs at standard temperature and humidity before making measurements. .
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
7.5	High Temperature Loading	Appearance	Shall be no remarkable change	Test Temperature: +85 +/- 2°C Apply 1.25times of rated voltage for 1,000 + 24/-0 hrs After test, allow it stay alone for 4hrs at standard temperature and humidity before making measurements..
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	

PRODUCT SPECIFICATIONS

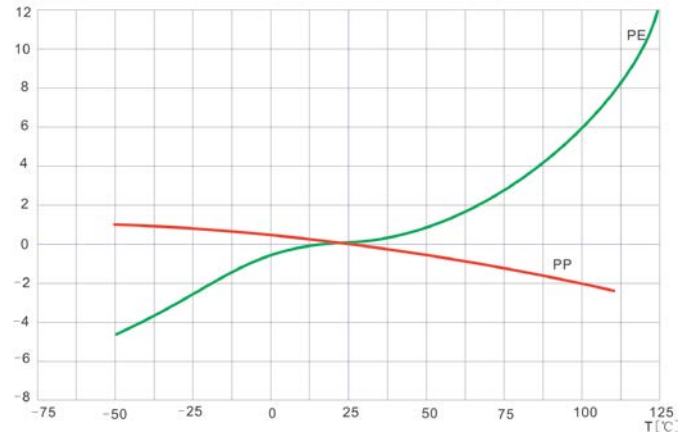
 TYPE: **HPMD**

NO.	ITEM		PERFORMANCE	TEST CONDITIONS
7.6	Rapid Temperature Change	Appearance	Shall be no remarkable change	Temperature Cycle: Total 5 cycles High Temperature: +85 +/-5°C Low Temperature: -25 +/-5°C 30 min +/-10% for each temperature
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
7.7	Damp Heat Loading	Appearance	Shall be no remarkable change	Test Temperature: +40 +/-2°C. Test Humidity: 90% to 95% R.H. Test voltage: Rated Voltage. Test Duration: 500 + 24/-0 Hrs After test, allow it stay alone for 4 Hrs at standard temperature and humidity before making measurements.
		Withstand Voltage	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 5\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
7.8	Soldering Heat Resistance	Appearance	Shall be no remarkable change. The marking shall be legible.	Preheat temp. 100~120°C Preheat Duration: 60 sec. max Temperature increase by 3°C/sec. max. Soldering Temperature: +260 +/-5°C Immersion Duration: 10 +/-1sec. Immersion Depth: 4 +/-0.8mm from roots. After test, allow it stay alone for 1.5+/-0.5 hrs. at standard temperature and humidity before making measurements.
		Withstand Voltage Between Terminals	Shall satisfy NO.5.2	
		Capacitance Change Rate ($\Delta C/C$)	Within $\pm 3\%$ of the value before test	
		Dissipation Factor (DF)	Tan: 0.11% max. (1KHz)	
		Insulation Resistance (I.R.)	$\geq 50\%$ of the limit value of NO.5.3	
		Connection of Element	Shall be stable	

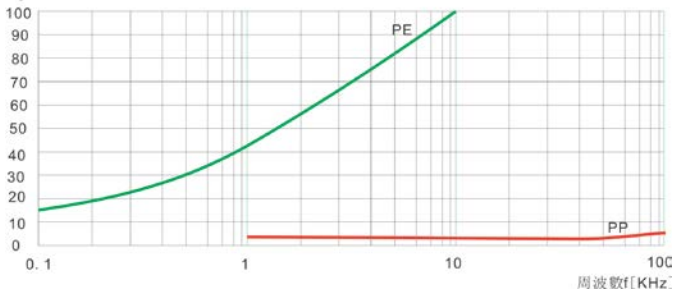
容量變化
Capacitance change
 $\Delta C/C(\%)$



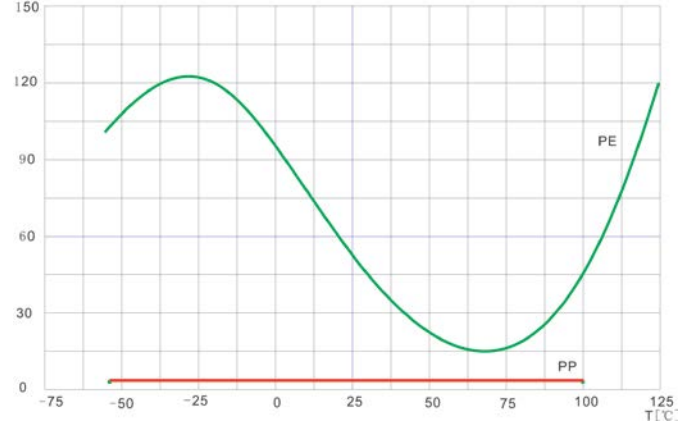
容量變化
Capacitance change
 $\Delta C/C(\%)$



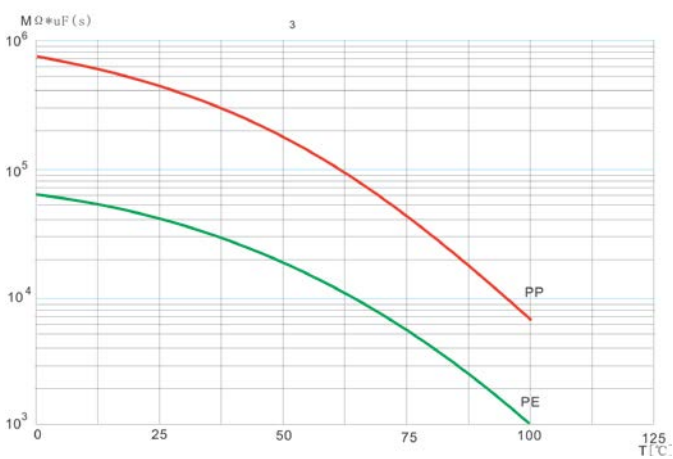
誘電正切
Dissipation Factor
 $\text{tg} \times 10^{-4}$



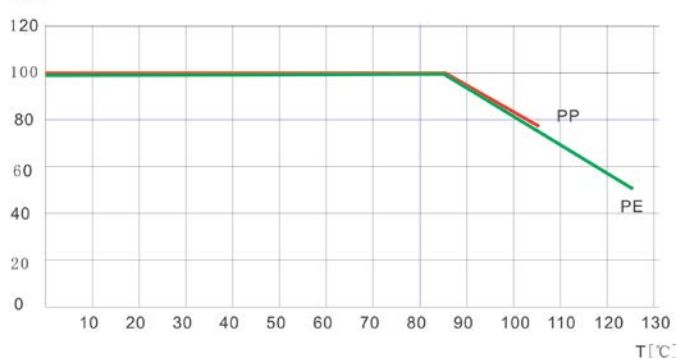
誘電正切
Dissipation Factor
 $\text{tg} \times 10^{-4}$



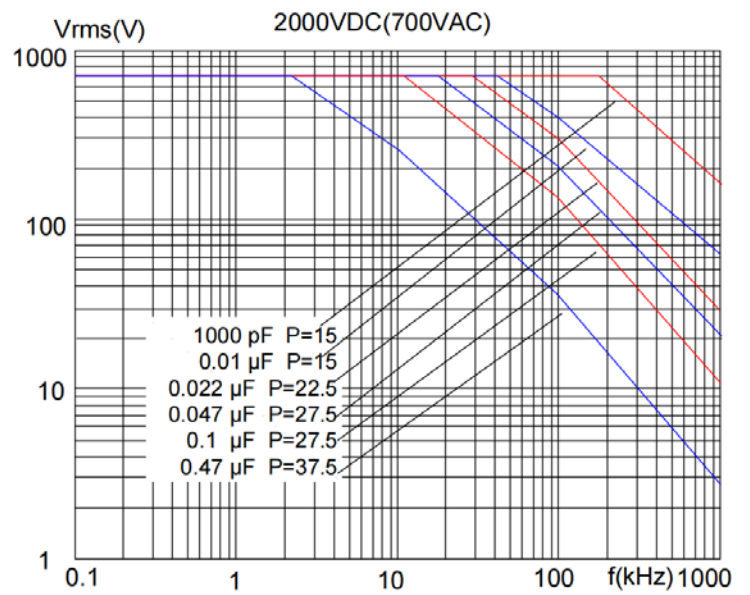
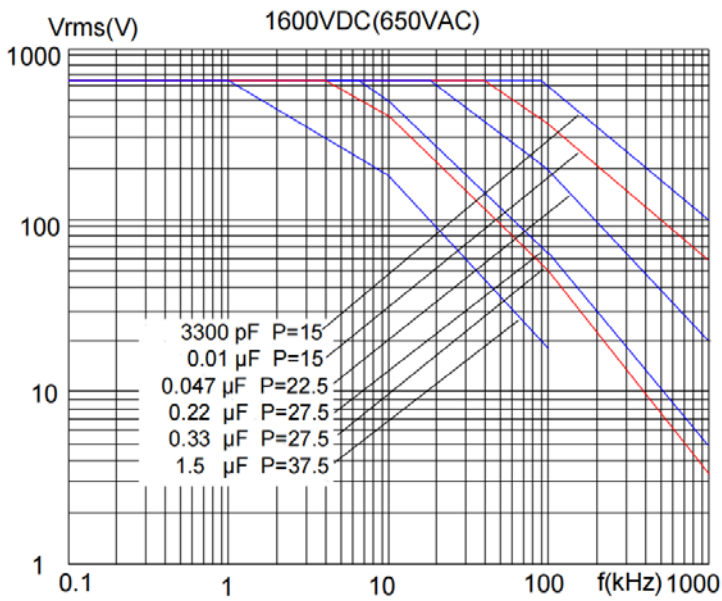
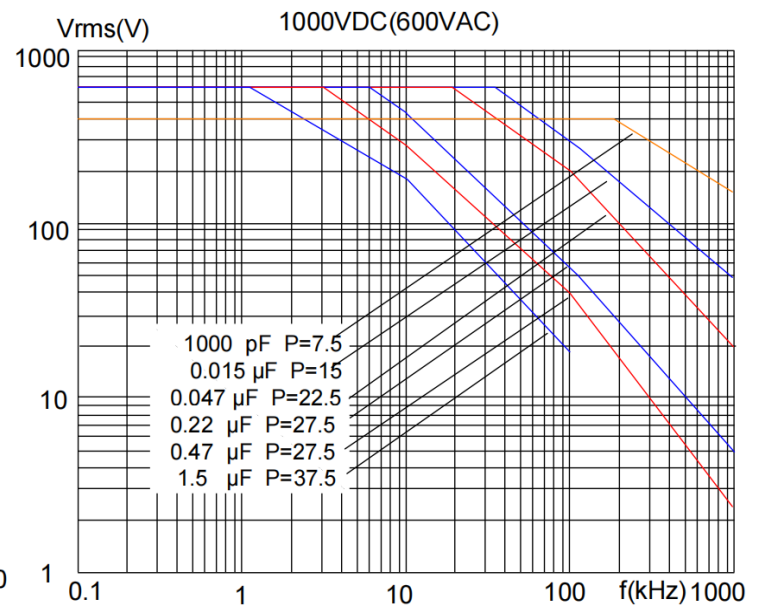
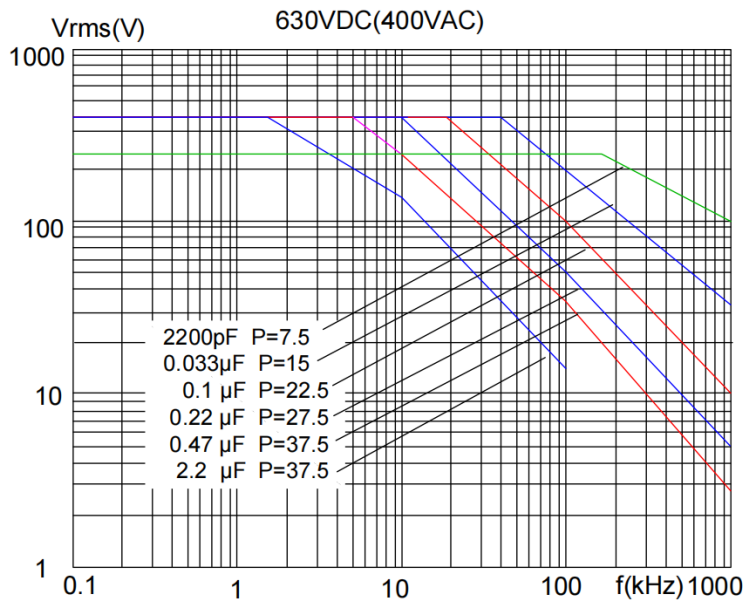
絕緣阻抗
Insulation Resistance



額定電壓
Rated Voltage
 V_r %



Maximum Voltage (Vrms) Versus Frequency (Sinusoidal Waveform/Th ≤ 85°C)



Maximum Current (Irms) Versus Frequency (Sinusoidal Waveform/Th ≤ 85°C)

