ILLINOIS CAPACITOR

Your Global Source for World-Class Capacitors

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KXM

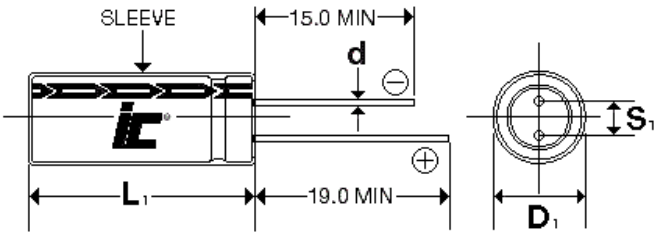
Radial Lead Aluminum Electrolytic Capacitors

+105°C Low Impedance

FEATURES	Standardized Case Sizes - High Ripple Current – Multiple Case Sizes
APPLICATIONS	Bypass – Coupling – Filtering – De-Coupling

Operating Temperature Range		**-55°C to +105°C**							
Capacitance Tolerance		**±20% at 120 Hz, 20°C**							
Surge Voltage	**WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	**63**	**100**
	SVDC	7.9	13	20	32	44	63	79	125
Dissipation Factor	**WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	**63**	**100**
	Tan δ	.22	.19	.16	.14	.12	.1	.1	.1
		Add .02 for every 1000uF above 1000uF							
Leakage Current		**2 Minutes**							
		.01CV or 3uA, Whichever is greater							
Low Temperature Stability Impedance Ratio (120 Hz)	**WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	**63**	**100**
	-25°C to +20°C	4	3	2	2	2	2	2	2
	-40°C to +20°C	8	6	4	3	3	3	3	3
Load Life		**5000 hours at 105°C with rated WVDC and ripple current applied (4000 hrs. for D=10, 3000 hrs. for D=8, 2000 hrs. for D≤6.3)**							
	Capacitance Change	≤25% of initial measured value							
	Dissipation Factor	≤200% of maximum specified value							
	Leakage Current	≤100% of maximum specified value							
Shelf Life		**1000 hours at 105°C with no voltage applied**							
	Capacitance Change	≤25% initial measured value							
	Dissipation Factor	≤200% of maximum specified value							
	Leakage Current	≤100% of maximum specified value							
Ripple Current Multipliers			**Frequency (Hz)**						
	Capacitance	**50**	**120**	**1k**	**10k**	**100k**			
	C≤180	.4	.4	.75	.9	1.0			
	220<C≤560	.5	.5	.85	.94	1.0			
	680<C≤1800	.6	.6	.87	.95	1.0			
	2200<C≤3900	.75	.75	.9	.95	1.0			
	C≥4700	.85	.85	.95	.98	1.0			

Special Order Options



D	5	6.3	8	10	12.5	16	18
S	2.0	2.5	3.5	5.0	5.0	7.5	7.5
d	0.5	0.5	0.6	0.6	0.6	0.8	0.8

mm

L_1=L+1.5 mm Max. (L<20mm)
L_1=L+2.0 mm Max. (L≥20mm)
D_1=D+0.5 mm Max.
S_1=S+0.5 mm

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KXM

+105°C, High Voltage Low Impedance Long Life, 5000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Impedance Ω +20°C/ -10°C, 100kHz	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
6.3	150	157KXM6R3M	2.4315	0.3/1	250	5x11
6.3	330	337KXM6R3M	1.1052	0.13/0.41	405	6.3x11
6.3	560	567KXM6R3M	0.6513	0.072/0.22	760	8x11.5
6.3	820	827KXM6R3M	0.4448	0.056/0.17	995	8x16
6.3	1000	108KXM6R3M	0.3647	0.053/0.16	1030	10x12.5
6.3	1200	128KXM6R3M	0.3039	0.041/0.13	1250	8x20
6.3	1200	128KXM6R3MLQ	0.3039	0.058/0.144	1430	10x16
6.3	1500	158KXM6R3M	0.2432	0.023/0.069	1820	10x20
6.3	2200	228KXM6R3M	0.1658	0.022/0.066	1980	10x25
6.3	3300	338KXM6R3M	0.1105	0.021/0.053	2080	12.5x20
6.3	3900	398KXM6R3M	0.0935	0.018/0.045	2470	12.5x25
6.3	4700	478KXM6R3M	0.0776	0.016/0.041	3290	12.5x30
6.3	5600	568KXM6R3M	0.0651	0.015/0.039	3400	12.5x35
6.3	6800	688KXM6R3M	0.0536	0.016/0.043	3250	16x25
6.3	10000	109KXM6R3M	0.0365	0.022/0.043	3000	16x30
6.3	15000	159KXM6R3M	0.0243	0.02/0.041	3610	18x35
10	100	107KXM010M	3.1499	0.3/1	250	5x11
10	220	227KXM010M	1.4318	0.13/0.41	405	6.3x11
10	470	477KXM010M	0.6702	0.072/0.22	760	8x11.5
10	680	687KXM010M	0.4632	0.056/0.17	995	8x16
10	680	687KXM010MLN	0.4632	0.077/0.194	760	10x12.5
10	1000	108KXM010M	0.315	0.041/0.13	1250	8x20
10	1000	108KXM010MLQ	0.315	0.063/0.158	1430	10x16
10	1200	128KXM010M	0.2901	0.023/0.069	1820	10x20
10	1500	158KXM010M	0.21	0.022/0.066	2150	10x25
10	2200	228KXM010M	0.1733	0.021/0.053	2150	12.5x20
10	3300	338KXM010M	0.0955	0.018/0.045	2770	12.5x25
10	3900	398KXM010M	0.0808	0.016/0.041	3290	12.5x30
10	4700	478KXM010M	0.067	0.015/0.039	3400	12.5x35
10	4700	478KXM010MQV	0.067	0.025/0.051	2350	16x25
10	5600	568KXM010M	0.0562	0.016/0.043	3018	16x25
10	6800	688KXM010M	0.0463	0.023/0.045	2850	16x30
10	10000	109KXM010M	0.0315	0.021/0.041	3430	18x35
10	15000	159KXM010M	0.021	0.019/0.039	3850	18x40
16	56	566KXM016M	4.7368	0.3/1	250	5x11
16	68	686KXM016M	3.9009	0.5/1.25	180	5x11
16	120	127KXM016M	2.2105	0.13/0.41	405	6.3x11
16	330	337KXM016M	0.8038	0.072/0.22	760	8x11.5
16	470	477KXM016M	0.5644	0.056/0.17	995	8x16
16	470	477KXM016MLN	0.5644	0.053/0.233	1030	10x12.5
16	680	687KXM016M	0.3901	0.041/0.13	1250	8x20
16	680	687KXM016MLQ	0.3901	0.074/0.184	880	10x16
16	1000	108KXM016M	0.2653	0.023/0.069	1820	10x20
16	1200	128KXM016M	0.221	0.022/0.066	2150	10x25
16	1500	158KXM016M	0.1768	0.021/0.053	2360	12.5x20
16	2200	228KXM016M	0.1206	0.018/0.045	2770	12.5x25
16	2700	278KXM016M	0.0982	0.016/0.041	3290	12.5x30
16	3300	338KXM016M	0.0804	0.015/0.039	3150	12.5x35
16	3300	338KXM016MQV	0.0804	0.029/0.057	2200	16x25
16	3900	398KXM016M	0.068	0.016/0.043	3460	16x25
16	4700	478KXM016M	0.0564	0.024/0.048	2670	16x30
16	6800	688KXM016M	0.039	0.022/0.043	3280	18x35
16	10000	109KXM016M	0.0265	0.019/0.039	3670	18x40
25	47	476KXM025M	4.9383	0.3/1	250	5x11
25	100	107KXM025M	2.321	0.13/0.41	410	6.3x11
25	220	227KXM025M	1.055	0.072/0.22	760	8x11.5
25	330	337KXM025M	0.7033	0.056/0.17	995	8x16
25	330	337KXM025MLN	0.7033	0.053/0.17	1030	10x12.5

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Impedance Ω +20°C/ -10°C, 100kHz	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
25	470	477KXM025M	0.4938	0.041/0.13	1250	8x20
25	470	477KXM025MLQ	0.4938	0.038/0.221	1430	10x16
25	680	687KXM025M	0.3413	0.023/0.069	1820	10x20
25	820	827KXM025M	0.283	0.022/0.066	2150	10x25
25	1000	108KXM025M	0.2321	0.021/0.053	2360	12.5x20
25	1200	128KXM025M	0.1934	0.05/0.124	1730	12.5x20
25	1500	158KXM025M	0.1547	0.018/0.045	2770	12.5x25
25	1800	188KXM025M	0.1289	0.016/0.041	3290	12.5x30
25	2200	228KXM025M	0.1055	0.015/0.039	3400	12.5x35
25	2200	228KXM025MQV	0.1055	0.032/0.065	2390	16x25
25	2700	278KXM025M	0.086	0.016/0.043	3000	16x25
25	3300	338KXM025M	0.0703	0.027/0.054	3020	16x30
25	4700	478KXM025M	0.0494	0.023/0.046	3700	18x35
35	33	336KXM035M	6.0286	0.3/1	250	5x11
35	56	566KXM035M	3.5526	0.25/0.41	350	6.3x11
35	68	686KXM035M	2.9256	0.397/0.991	280	6.3x11
35	150	157KXM035M	1.3263	0.072/0.22	760	8x11.5
35	220	227KXM035M	0.9043	0.065/0.17	980	8x16
35	220	227KXM035MLN	0.9043	0.06/0.319	1050	10x12.5
35	270	277KXM035M	0.7368	0.041/0.13	1250	8x20
35	330	337KXM035M	0.6029	0.038/0.12	1430	10x16
35	470	477KXM035M	0.4233	0.023/0.069	1820	10x20
35	560	567KXM035M	0.3553	0.022/0.066	2150	10x25
35	680	687KXM035M	0.2926	0.021/0.053	2150	12.5x20
35	1000	108KXM035M	0.1989	0.018/0.045	2770	12.5x25
35	1200	128KXM035M	0.1658	0.016/0.041	3290	12.5x30
35	1500	158KXM035M	0.1326	0.015/0.039	3400	12.5x35
35	1500	158KXM035MQV	0.1326	0.04/0.079	2700	16x25
35	1800	188KXM035M	0.1105	0.016/0.043	3460	16x25
35	2200	228KXM035M	0.0904	0.031/0.077	2880	16x30
35	3300	338KXM035M	0.0603	0.026/0.064	3650	18x35
50	4.7	475KXM050M	35.2737	1.699/5.096	80	5x11
50	10	106KXM050M	16.579	0.55/3.992	240	5x11
50	22	226KXM050M	7.5357	0.34/1.18	238	5x11
50	33	336KXM050M	5.0238	0.564/1.411	230	6.3x11
50	47	476KXM050M	3.5274	0.24/1.132	320	6.3x11
50	56	566KXM050M	2.9605	0.14/0.5	385	6.3x11
50	68	686KXM050M	2.438	0.352/0.88	380	8x11.5
50	100	107KXM050M	1.6579	0.1/0.24	610	8x11.5
50	120	127KXM050M	1.3816	0.061/0.18	950	8x15
50	150	157KXM050M	1.1052	0.061/0.18	979	10x12.5
50	180	187KXM050M	0.921	0.046/0.14	1190	8x20
50	220	227KXM050M	0.7536	0.06/0.12	1136	10x16
50	270	277KXM050M	0.614	0.03/0.09	1580	10x20
50	330	337KXM050M	0.5024	0.028/0.085	1870	10x25
50	470	477KXM050M	0.3527	0.035/0.068	1900	12.5x20
50	560	567KXM050M	0.296	0.023/0.059	2410	12.5x25
50	680	687KXM050M	0.2438	0.021/0.052	2860	12.5x30
50	820	827KXM050M	0.2022	0.019/0.023	3960	12.5x35
50	1000	108KXM050M	0.1658	0.021/0.056	2850	16x25
50	1200	128KXM050M	0.1382	0.042/0.083	2710	16x30
50	1500	158KXM050M	0.1326	0.035/0.071	3010	16x35
50	2200	228KXM050M	0.1055	0.027/0.055	3690	18x35.5
50	3300	338KXM050M	0.0804	0.023/0.046	4350	18x40
63	10	106KXM063M	16.579	1.08/2.16	137	5x11
63	12	126KXM063M	11.0524	0.95/1.9	148	5x11
63	15	156KXM063M	8.842	0.75/1.5	185	6.3x11
63	18	186KXM063M	7.3683	0.64/1.28	198	6.3x11

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KXM

+105°C, High Voltage Low Impedance Long Life, 5000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Impedance Ω +20°C/ -10°C, 100kHz	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
63	22	226KXM063M	7.5357	0.5/1.06	250	6.3x11
63	27	276KXM063M	6.1402	0.43/0.86	240	6.3x11
63	33	336KXM063M	5.0238	0.36/0.72	308	6.3x15
63	39	396KXM063M	4.2509	0.31/0.62	325	6.3x15
63	47	476KXM063M	3.5274	0.22/0.81	480	8x11.5
63	56	566KXM063MJP	2.9605	0.22/0.44	460	8x16
63	56	566KXM063M	2.9605	0.24/0.48	445	10x12.5
63	68	686KXM063MJP	2.438	0.18/0.36	510	8x16
63	68	686KXM063M	2.438	0.2/0.4	500	10x12.5
63	82	826KXM063MJU	2.0218	0.17/0.34	600	8x20
63	82	826KXM063M	2.0218	0.16/0.32	580	10x15
63	100	107KXM063M	1.6579	0.13/0.26	748	10x20
63	100	107KXM063MNP	1.6579	0.15/0.3	700	12.5x15
63	120	127KXM063M	1.3816	0.11/0.22	820	10x20
63	120	127KXM063MNP	1.3816	0.125/0.15	755	12.5x15
63	150	157KXM063M	1.1052	0.092/0.184	940	10x25
63	150	157KXM063MNP	1.1052	0.095/0.19	847	12.5x15
63	180	187KXM063M	0.921	0.077/0.154	1100	10x30
63	180	187KXM063MQP	0.921	0.082/0.164	1025	16x15
63	220	227KXM063M	0.6029	0.067/0.134	1145	12.5x20
63	220	227KXM063MQP	0.6029	0.072/0.144	1125	16x15
63	270	277KXM063M	0.614	0.056/0.112	1350	12.5x25
63	270	277KXM063MRP	0.614	0.06/0.12	1300	18x15
63	330	337KXM063M	0.5024	0.05/0.1	1425	12.5x25
63	330	337KXM063MRP	0.5024	0.051/0.102	1400	18x15
63	390	397KXM063M	0.4251	0.044/0.088	1625	12.5x30
63	390	397KXM063MQU	0.4251	0.047/0.094	1500	16x20
63	470	477KXM063M	0.3527	0.04/0.08	1785	12.5x35
63	470	477KXM063MQV	0.3527	0.042/0.084	1700	16x25
63	560	567KXM063M	0.296	0.036/0.072	1950	12.5x40
63	560	567KXM063MRU	0.296	0.04/0.08	1725	18x20
63	680	687KXM063M	0.195	0.033/0.066	2050	16x30
63	680	687KXM063MRV	0.195	0.036/0.072	1950	18x25
63	820	827KXM063M	0.2022	0.03/0.06	2225	16x35
63	820	827KXM063MRW	0.2022	0.032/0.064	2100	18x30
63	1000	108KXM063M	0.1658	0.028/0.056	2375	16x40
63	1000	108KXM063MRY	0.1658	0.03/0.06	2280	18x35
63	1200	128KXM063M	0.1243	0.026/0.052	2500	18x40
100	1	105KXM100M	132.629	17/46	26	5x11
100	1.5	155KXM100M	88.419	10/27	33	5x11
100	2.2	225KXM100M	75.3575	6.8/18.36	45	5x11
100	3.3	335KXM100M	40.191	4.15/11.205	55	5x11

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Impedance Ω +20°C/ -10°C, 100kHz	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
100	4.7	475KXM100M	35.2737	3/8.1	70	6.3x11
100	6.8	685KXM100M	24.38	2/5.4	85	6.3x11
100	10	106KXM100M	16.579	1/3.375	150	6.3x11
100	12	126KXM100M	11.0524	1/2.7	115	6.3x11
100	15	156KXM100M	8.842	0.82/2.214	132	6.3x15
100	18	186KXM100M	7.3683	0.39/1.863	155	6.3x15
100	22	226KXM100M	7.5357	0.8/1.54	370	8x11.5
100	27	276KXM100MJP	6.1402	0.48/1.3	280	8x16
100	27	276KXM100M	6.1402	0.05/1.4	270	10x12.5
100	33	336KXM100MJP	5.0238	0.4/1.08	300	8x16
100	33	336KXM100M	5.0238	0.44/1.19	295	10x12.5
100	39	396KXM100MJU	4.2509	0.34/0.92	350	8x20
100	39	396KXM100M	4.2509	0.38/1.03	340	10x15
100	47	476KXM100M	3.5274	0.3/0.81	420	10x20
100	47	476KXM100MNP	3.5274	0.33/0.89	400	12.5x15
100	56	566KXM100M	2.9605	0.25/0.675	455	10x20
100	56	566KXM100MNP	2.9605	0.29/0.78	430	12.5x15
100	68	686KXM100M	2.438	0.22/0.594	530	10x25
100	68	686KXM100MNP	2.438	0.25/0.675	465	12.5x15
100	82	826KXM100M	2.0218	0.2/0.54	610	10x30
100	82	826KXM100MQP	2.0218	0.21/0.567	680	16x15
100	100	107KXM100M	1.6579	0.16/0.432	660	10x30
100	100	107KXM100MQP	1.6579	0.18/0.486	715	16x15
100	120	127KXM100M	1.3816	0.135/0.351	770	12.5x25
100	120	127KXM100MQP	1.3816	0.15/0.405	795	16x15
100	150	157KXM100M	1.1052	0.12/0.324	800	12.5x25
100	150	157KXM100MRP	1.1052	0.13/0.351	915	18x15
100	180	187KXM100M	0.921	0.1/0.27	900	12.5x30
100	180	187KXM100MQU	0.921	0.11/0.3	995	16x20
100	220	227KXM100M	0.6029	0.088/0.238	1000	12.5x35
100	220	227KXM100MQV	0.6029	0.094/0.254	1150	16x25
100	270	277KXM100M	0.614	0.074/0.2	1110	12.5x40
100	270	277KXM100MRU	0.614	0.082/0.221	1225	18x20
100	330	337KXM100M	0.5024	0.065/0.176	1520	16x30
100	330	337KXM100MRV	0.5024	0.072/0.194	1425	18x25
100	390	397KXM100M	0.4251	0.055/0.149	1725	16x35
100	390	397KXM100MRW	0.4251	0.063/0.17	1600	18x30
100	470	477KXM100M	0.3527	0.049/0.132	1920	16x40
100	470	477KXM100MRY	0.3527	0.056/0.157	1775	18x35
100	560	567KXM100M	0.296	0.043/0.116	2050	18x35
100	680	687KXM100M	0.195	0.038/0.103	2300	18x40

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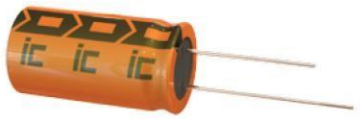
Radial Lead Aluminum Electrolytic Capacitors

Very Long Life



FEATURES	High Temperature - High Voltage – Long Life (10k Hrs)
APPLICATIONS	Switching Power Supplies – Electronic Ballasts

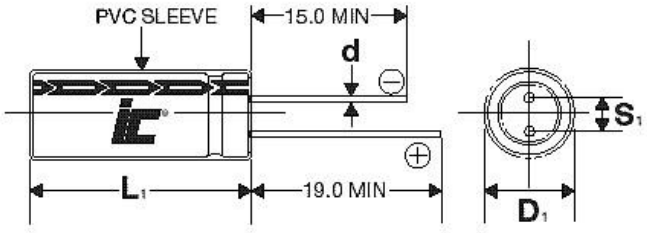
Operating Temperature Range		**-40°C to +105°C**					
Capacitance Tolerance		±20% at 120 Hz, 20°C					
Surge Voltage	**WVDC**	**160**	**200**	**250**	**350**	**400**	**450**
	SVDC	200	250	300	400	450	500
Dissipation Factor 120 Hz, 20°C	**WVDC**	**160**	**200**	**250**	**350**	**400**	**450**
	tan δ	.15	.15	.15	.2	.2	.2
Leakage Current		2 Minutes					
		.02CV+10uA					

Low Temperature Stability Impedance Ratio (120 Hz)	**Rated WVDC**	**160 to 250**	**350 to 400**	**450**
	-40°C to +20°C	6	7	9

Load Life	**10000 hours with rated voltage applied at 105°C**	
	Capacitance Change	≤20% of initial measured value
	Dissipation Factor	≤200% of maximum specified value
	Leakage Current	≤100% of maximum specified value
Shelf Life	**1000 hours at 105°C with no voltage applied**	
	Capacitance Change	≤20% of initial measured value
	Dissipation Factor	≤200% of maximum specified value
	Leakage Current	≤100% of maximum specified value

Ripple Current Multipliers	**Frequency (Hz)**				
	50	**120**	**1k**	**10k**	**100k**
	0.4	0.5	0.8	0.9	1.0

Special Order Options



D	6.3	8	10	12.5	16	18
S	2.5	3.5	5.0	5.0	7.5	7.5
d	0.5	0.6	0.6	0.6	0.8	0.8

L_1=L+1.5 mm Max. (L<20mm) mm
L_1=L+2.0 mm Max. (L>20mm)
D_1=D+0.5 mm Max.
S_1=S+0.5 mm

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+105°C, High Frequency Low Impedance/ESR,8000 to 10000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
160	15	156KFM160MGU	16.5786	290	10x12.5
160	18	186KFM160MFBW	13.8155	310	8x16
160	22	226KFM160MFJG	11.304	390	8x20
160	27	276KFM160MGBW	9.2104	410	10x16
160	33	336KFM160M	7.5357	530	10x20
160	33	336KFM160MTBD	7.5357	570	12.5x30
160	39	396KFM160MGJD	5.2911	590	10x25
160	39	396KFM160MTBD	5.2911	590	12.5x15
160	47	476KFM160MGJD	5.2911	610	10x25
160	56	566KFM160MFDG	4.4407	740	8x50
160	56	566KFM160MTJG	4.4407	740	12.5x20
160	68	686KFM160MTJG	3.657	800	12.5x20
160	82	826KFM160MTJD	3.0327	830	12.5x25
160	100	107KFM160MGDG	2.4868	1210	10x50
160	100	107KFM160MKJG	2.4868	1120	16x20
160	120	127KFM160MKJD	2.0723	1240	16x25
160	150	157KFM160MTDG	1.658	1280	12.5x50
160	150	157KFM160MKAG	1.658	1280	16x30
160	180	187KFM160MKAG	1.3816	1360	16x30
160	220	227KFM160M	1.13	1410	16x31.5
160	220	227KFM160MRV	1.13	1400	18x25
160	220	227KFM160MLAG	1.13	1410	18x30
160	270	277KFM160MLAD	0.92104	1500	18x35
160	330	337KFM160MLCG	0.7536	1590	18x40
200	3.9	395KFM200MFH	63.764	105	8x11.5
200	10	106KFM200MFBJ	24.868	175	8x12
200	10	106KFM200M	24.868	250	10x16
200	12	126KFM200MFBW	20.7233	190	8x16
200	15	156KFM200MFBW	16.5786	360	8x16
200	22	226KFM200MGBW	11.304	390	10x16
200	22	226KFM200M	11.304	410	10x20
200	27	276KFM200MGJG	9.2104	410	10x20
200	33	336KFM200MGJD	7.5357	530	10x25
200	39	396KFM200MTJG	5.2911	620	12.5x30
200	47	476KFM200MFDG	5.2911	650	8x50
200	47	476KFM200M	5.2911	630	12.5x20
200	56	566KFM200MGDG	4.4407	670	10x50
200	56	566KFM200MTJD	4.4407	670	12.5x25
200	68	686KFM200M	3.657	760	12.5x25
200	68	686KFM200MQU	3.657	760	16x20
200	82	826KFM200MKJD	3.0327	860	16x25
200	100	107KFM200M	2.487	930	16x25
200	120	127KFM200MKAG	2.487	1090	16x35
200	150	157KFM200M	1.658	1360	16x31.5
200	150	157KFM200MKAD	1.658	1125	16x35
200	150	157KFM200MRV	1.658	1360	18x25
200	180	187KFM200MLAG	1.3816	1340	18x30
200	220	227KFM200M	1.13	1700	18x31.5
200	220	227KFM200MLAD	1.13	1420	18x35
250	2.7	275KFM250MEBB	1.13	90	6.3x11
250	5.6	565KFM250MFH	44.4071	150	8x11.5
250	6.8	685KFM250MFH	36.5705	160	8x11.5
250	10	106KFM250MFBW	24.868	250	8x16
250	10	106KFM250MGU	24.868	250	10x12.5
250	15	156KFM250MFJG	16.5786	380	8x20
250	15	156KFM250MGBW	16.5786	390	10x16
250	18	186KFM250MGBW	13.8155	410	10x16
250	22	226KFM250MGJG	11.304	475	10x20

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+105°C, High Frequency Low Impedance/ESR,8000 to 10000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
250	33	336KFM250MFDG	7.5357	570	8x50
250	33	336KFM250M	7.5357	570	12.5x20
250	47	476KFM250M	5.2911	650	12.5x25
250	47	476KFM250MTJD	5.2911	650	12.5x25
250	47	476KFM250MQU	5.2911	720	16x20
250	56	566KFM250MTAG	4.4407	750	12.5x30
250	68	686KFM250MGDG	3.657	870	10x50
250	68	686KFM250MTAG	3.657	870	12.5x30
250	68	686KFM250M	3.657	920	16x25
250	68	686KFM250MRU	3.657	920	18x20
250	82	826KFM250MFBG	3.0327	910	8x10
250	100	107KFM250MTDG	2.487	980	12.5x50
250	100	107KFM250M	2.487	960	16x31.5
250	100	107KFM250MRV	2.487	1200	18x25
250	120	127KFM250MLAG	2.0723	1210	18x30
250	150	157KFM250M	1.658	1400	18x31.5
250	180	187KFM250MLAD	1.3816	1540	18x35
250	220	227KFM250MLCG	1.13	1620	18x40
350	2.2	225KFM350MEBB	150.715	70	6.3x11
350	6.8	685KFM350MGU	48.7607	170	10x12.5
350	8.2	825KFM400MGBW	40.4357	252	10x16
350	10	106KFM350MGBW	33.1573	250	10x16
350	15	156KFM350MGJD	22.1049	340	10x25
350	15	156KFM350MTBD	22.1049	340	12.5x15
350	18	186KFM350MGJD	18.4207	430	10x25
350	22	226KFM350M	15.0715	475	12.5x20
350	33	336KFM350MTJD	10.0477	570	12.5x25
350	33	336KFM350M	10.0477	500	16x20
350	47	476KFM350M	7.0547	800	16x25
350	47	476KFM350MRU	7.0547	660	18x20
350	68	686KFM350MTDG	4.8761	880	12.5x50
350	68	686KFM350M	4.8761	850	16x31.5
350	68	686KFM350MRV	4.8761	880	18x25
350	82	826KFM350MLAG	4.0436	940	18x30
350	100	107KFM350MLAD	3.3157	1120	18x35
350	120	127KFM350MLAD	2.7631	1200	18x35
400	1.5	155KFM400MEBB	221.048	75	6.3x11
400	1.8	185KFM400MEBB	184.207	85	6.3x11
400	2.2	225KFM400MFH	150.715	90	8x11.5
400	2.7	275KFM400MFH	122.805	95	8x11.5
400	3.3	335KFM400MFH	100.477	100	8x11.5
400	3.9	395KFM400MFH	85.0187	105	8x11.5
400	4.7	475KFM400MFH	70.5474	110	8x11.5
400	4.7	475KFM400MFBW	70.5474	115	8x16
400	5.6	565KFM400MFBW	59.2094	160	8x16
400	5.6	565KFM400MGU	59.2094	180	10x12.5
400	6.8	685KFM400MFJG	48.7607	180	8x30
400	6.8	685KFM400M	48.7607	220	10x16
400	8.2	825KFM450MGJG	40.4357	265	10x20
400	10	106KFM400M	33.1573	288	10x20
400	18	186KFM400MTJG	18.4207	470	12.5x20
400	22	226KFM400MFDG	15.0715	475	8x50
400	22	226KFM400M	15.0715	475	12.5x25
400	22	226KFM400MQU	15.0715	430	16x20
400	33	336KFM400M	10.0477	610	16x25
400	33	336KFM400MRU	10.0477	640	18x20
400	47	476KFM400M	7.0547	840	16x31.5
400	47	476KFM400MRV	7.0547	795	18x25

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+105°C, High Frequency Low Impedance/ESR,8000 to 10000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 100 kHz, +105°C	Dims DxL (mm)
400	56	566KFM400MTDG	5.9209	820	12.5x50
400	56	566KFM400MKAG	5.9209	820	16x30
400	68	686KFM400M	4.8761	910	18x31.5
400	82	826KFM400MKCG	4.0436	980	16x40
400	82	826KFM400MLAD	4.0436	980	18x35
400	100	107KFM400MLCG	3.3157	1100	18x40
450	1	105KFM450MEBB	331.573	50	6.3x11
450	1.5	155KFM450MFH	221.048	80	8x11.5
450	1.8	185KFM450MFH	184.207	85	8x11.5
450	2.2	225KFM450MFBW	150.715	95	8x16
450	2.7	275KFM450MFBW	122.805	100	8x16
450	3.3	335KFM450MFBW	100.477	110	8x16
450	3.9	395KFM450MFBW	85.0187	120	8x16
450	4.7	475KFM450MFJG	70.5474	150	8x20
450	4.8	475KFM450MGBW	70.5474	150	10x16
450	5.6	565KFM450MFJG	59.2094	180	8x20
450	5.6	565KFM450MGBW	59.2094	180	10x16
450	6.8	685KFM450MGBW	48.7607	220	10x16
450	6.8	685KFM450M	48.7607	150	10x20
450	8.2	825KFM350MFJG	40.4357	240	8x20
450	10	106KFM450MGJD	33.1573	305	10x25
450	10	106KFM450M	33.1573	305	12.5x20
450	15	156KFM450MFDG	22.1049	400	8x50
450	15	156KFM450MTJG	22.1049	400	12.5x20
450	18	186KFM450MTJD	18.4207	470	12.5x25
450	22	226KFM450MGCG	15.0715	550	10x40
450	22	226KFM450MKJG	15.0715	550	16x20
450	22	226KFM450M	15.0715	560	16x25
450	22	226KFM450MRU	15.0715	560	18x20
450	33	336KFM450MGDG	10.0477	665	10x50
450	33	336KFM450MKJD	10.0477	665	16x25
450	33	336KFM450M	10.0477	700	16x31.5
450	33	336KFM450MRV	10.0477	700	18x25
450	47	476KFM450MTDG	7.0547	730	12.5x50
450	47	476KFM450MKAD	7.0547	730	16x35
450	47	476KFM450M	7.0547	880	18x31.5
450	56	566KFM450MKAD	5.9209	750	16x35
450	68	686KFM450M	4.8761	1120	18x35.5
450	82	826KFM450MLCG	4.0436	1030	18x40

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LMB

Aluminum Electrolytic Capacitors

105°C Snap-Mount

FEATURES	Multiple Case Sizes - High Voltage – High Current
APPLICATIONS	Filtering – Switching Power Supplies

Operating Temperature Range		**-40°C to +105°C**								**-25°C to +105°C**					
Capacitance Tolerance		**±20% at 120 Hz, 20°C**													
Surge Voltage	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
	SVDC	13	20	32	44	63	79	100	120	200	250	300	400	450	500
Dissipation Factor	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
	Tan δ	.55	.5	.45	.4	.35	.3	.25	.2	.15	.15	.15	.25	.25	.25
		For capacitance values above 33000µF The add following to the Dissipation factors values above								(capacitance-33000 µF)*0.1 10000 µF					
Leakage current		**5 Minutes** 3√CV or 5000uA,Whichever is less													
Low Temperature Stability Impedance Ratio (120 Hz)	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
	-25°C to +20°C	6	6	6	6	4	3	3	3	8	8	8	8	8	8
	-40°C to +20°C	15	15	15	15	15	15	15	15	-	-	-	-	-	-
Load Life		**3000 hours at 105°C with rated WVDC and ripple current applied**													
		Capacitance Change	≤20% of initial measured value												
		Dissipation Factor	≤200% of maximum specified value												
		Leakage Current	≤100% of maximum specified value												
Shelf Life		**1000 hours at 85°C with no voltage applied**													
		Capacitance Change	≤20% of initial measured value												
		Dissipation Factor	≤200% of maximum specified value												
		Leakage Current	≤100% of maximum specified value												
Ripple Current Multipliers			**Frequency (Hz)**												
		WVDC	**60**		**120**		**1k**		**10k+**						
		10 to 100	**0.9**		**1**		**1.15**		**1.25**						
		160 to 250	**0.8**		**1**		**1.25**		**1.47**						
		350 to 450	**0.8**		**1**		**1.3**		**1.47**						

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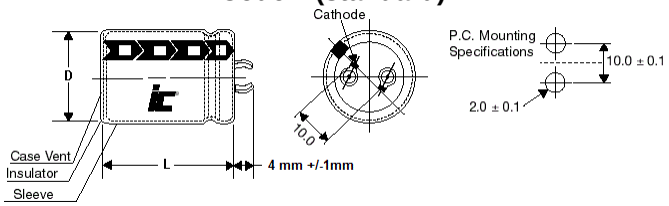
LMB

Aluminum Electrolytic Capacitors

105°C Snap-Mount

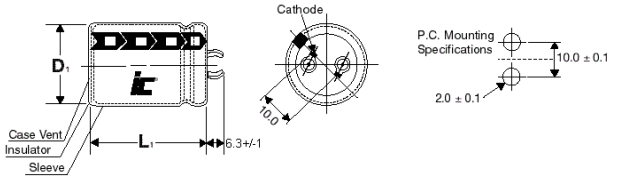
Lead Style Options

Code 2 (standard)



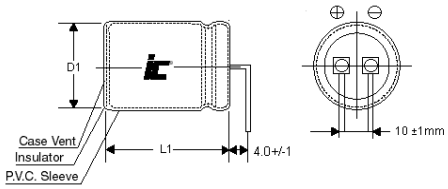
Diameter 20 to 40 mm

Code W



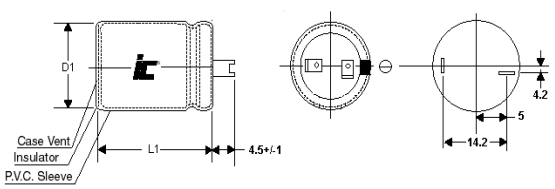
Diameter 20 to 40 mm

Code P



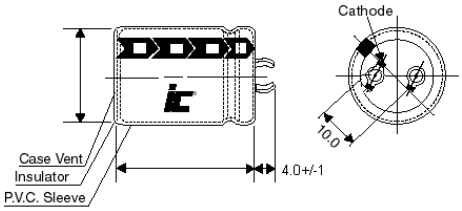
Diameter 22 to 35 mm

Code D



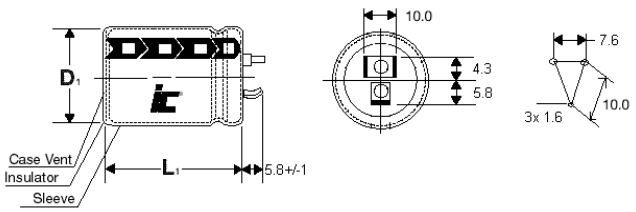
Diameter 30 to 40 mm

Code 9



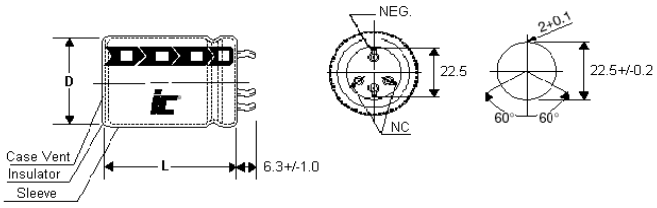
Diameter 25 to 35 mm

Code T



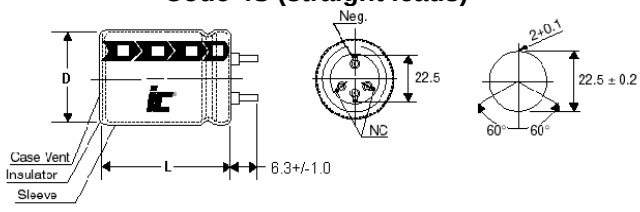
Diameter 25 to 35 mm

Code 4



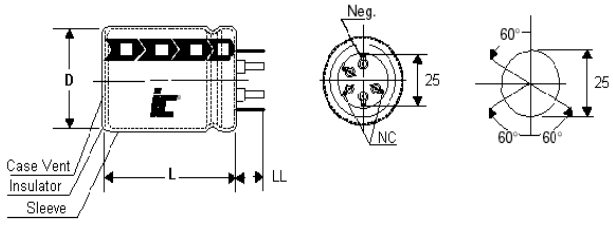
Diameter 35 to 45 mm

Code 4S (straight leads)



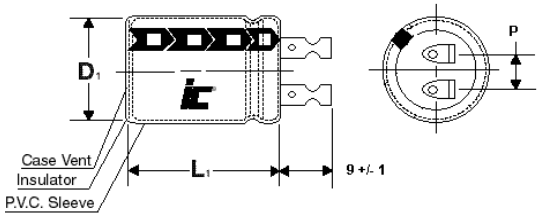
Diameter 35 to 45 mm

Code 5



Diameter 40 to 50 mm

Code G



D	35	40	50	63	76
P	14	14	18	25	25

Diameter 35 to 76 mm

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LMB

+105°C, Extended Life, 3000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
10	6800	688LMB010M2AC	134.09	1.41	20x25
10	8200	828LMB010M2AD	111.19	1.67	20x30
10	10000	109LMB010M2AD	91.18	1.88	20x30
10	10000	109LMB010M2BC	91.18	1.8	22x25
10	12000	129LMB010M2AE	75.99	2.23	20x35
10	12000	129LMB010M2BD	75.99	2.2	22x30
10	12000	129LMB010M2CC	75.99	2.2	25x25
10	15000	159LMB010M2AF	60.78	2.31	20x40
10	15000	159LMB010M2BE	60.78	2.3	22x35
10	15000	159LMB010M2CC	60.78	2.3	25x25
10	18000	189LMB010M2BF	50.65	2.52	22x40
10	18000	189LMB010M2CD	50.65	2.4	25x30
10	18000	189LMB010M2DC	50.65	2.49	30x25
10	22000	229LMB010M2BG	41.44	2.6	22x45
10	22000	229LMB010M2CE	41.45	2.6	25x35
10	22000	229LMB010M2DC	41.45	2.6	30x25
10	27000	279LMB010M2BH	33.77	3.19	22x50
10	27000	279LMB010M2CF	33.77	3.1	25x40
10	27000	279LMB010M2DD	33.77	3.1	30x30
10	33000	339LMB010M2CG	27.63	3.4	25x45
10	33000	339LMB010M2DE	27.63	3.4	30x35
10	33000	339LMB010M2ED	27.63	3.4	35x30
10	39000	399LMB010M2DF	25.12	3.79	30x40
10	39000	399LMB010M2ED	25.12	3.7	35x30
10	47000	479LMB010M2DG	24.34	4.26	30x45
10	47000	479LMB010M2EE	24.34	4.2	35x35
10	56000	569LMB010M2EF	23.09	5	35x40
16	5600	568LMB016M2AC	148.02	1.89	20x25
16	6800	688LMB016M2AD	121.9	2.25	20x30
16	6800	688LMB016M2BC	121.9	1.74	22x25
16	6800	688LMB016M2CD	121.9	1.67	25x30
16	8200	828LMB016M2AE	101.09	2.43	20x35
16	8200	828LMB016M2BD	101.09	2.4	22x30
16	10000	109LMB016M2AF	82.89	2.79	20x40
16	10000	109LMB016M2BD	82.9	2.09	22x30
16	10000	109LMB016M2CC	82.9	2.05	25x25
16	12000	129LMB016M2BE	69.1	2.9	22x35
16	12000	129LMB016M2CD	69.1	2.9	25x30
16	15000	159LMB016M2BF	55.26	3.2	22x40
16	15000	159LMB016M2CE	55.26	2.6	25x35
16	18000	189LMB016M2BG	46.05	3.5	22x45
16	18000	189LMB016M2CF	46.05	3.5	25x40
16	18000	189LMB016M2DD	46.05	3.5	30x30
16	22000	229LMB016M2CG	37.68	3.8	25x45
16	22000	229LMB016M2DD	37.68	3.8	30x30
16	22000	229LMB016M2DE	37.68	3.35	30x35
16	22000	229LMB016M2ED	37.68	3.2	35x30
16	27000	279LMB016M2CH	30.7	4.2	25x50
16	27000	279LMB016M2DE	30.7	4.2	30x35
16	27000	279LMB016M2ED	30.7	4.2	35x30
16	33000	339LMB016M2DF	25.12	4.7	30x40
16	33000	339LMB016M2EE	25.12	4.21	35x35
16	39000	399LMB016M2DG	23.81	4.9	30x45
16	39000	399LMB016M2EF	23.81	5.1	35x40
16	47000	479LMB016M2DH	22.56	5.27	30x50
16	47000	479LMB016M2EG	22.56	5.5	35x45
25	3300	338LMB025M2BC	200.9	1.34	22x25
25	3900	398LMB025M2AC	191.29	1.72	20x25
25	4700	478LMB025M2AD	158.73	2.04	20x30
25	4700	478LMB025M2BC	158.73	1.58	22x25
25	4700	478LMB025M2CC	158.73	1.51	25x25
25	5600	568LMB025M2AE	133.22	2.23	20x35
25	5600	568LMB025M2BD	133.22	2.2	22x30
25	6800	688LMB025M2AF	109.71	2.72	20x40
25	6800	688LMB025M2BD	109.71	1.85	22x30
25	6800	688LMB025M2CC	109.71	1.88	25x25
25	6800	688LMB025M2DC	109.71	1.75	30x25
25	8200	828LMB025M2BE	90.98	2.7	22x35
25	8200	828LMB025M2CD	90.9803	2.7	25x30
25	8200	828LMB025M2DC	90.9803	2.7	30x25
25	10000	109LMB025M2BF	74.6	2.6	22x40
25	10000	109LMB025M2CE	74.6	2.55	25x35
25	10000	109LMB025M2DD	74.6	2.6	30x30
25	10000	109LMB025M2EC	74.6	2.15	35x25
25	12000	129LMB025M2BG	62.17	3.2	22x45
25	12000	129LMB025M2CF	62.17	3.2	25x40
25	12000	129LMB025M2DD	62.17	3.2	30x30
25	15000	159LMB025M2CG	49.73	3.25	25x45
25	15000	159LMB025M2DE	49.73	3.1	30x35
25	15000	159LMB025M2ED	49.73	3.25	35x30
25	18000	189LMB025M2DF	41.45	3.9	30x40
25	18000	189LMB025M2ED	41.44	3.9	35x30
25	22000	229LMB025M2DG	33.91	2.44	30x45
25	22000	229LMB025M2EE	33.91	3.95	35x35
25	27000	279LMB025M2EE	27.63	4.8	35x35
25	33000	339LMB025M2EH	22.6	5.47	35x50
35	2200	228LMB035M2BC	263.71	1.17	22x25
35	2700	278LMB035M2AC	245.61	1.62	20x25
35	3300	338LMB035M2AD	200.95	1.94	20x30
35	3300	338LMB035M2BC	200.9	1.43	22x25
35	3300	338LMB035M2CC	200.9	1.36	25x25
35	3900	398LMB035M2AE	170.04	2.02	20x35
35	3900	398LMB035M2BD	170.04	2	22x30
35	4700	478LMB035M2AF	141.09	2.21	20x40
35	4700	478LMB035M2BE	141.1	2	22x35
35	4700	478LMB035M2CC	141.1	1.73	25x25
35	4700	478LMB035M2DC	141.1	1.56	30x25
35	5600	568LMB035M2BE	118.42	2.4	22x35
35	5600	568LMB035M2CD	118.42	2.4	25x30
35	6800	688LMB035M2BF	97.52	2.35	22x40
35	6800	688LMB035M2CE	97.52	2.6	25x35
35	6800	688LMB035M2DC	97.52	2.78	30x25
35	6800	688LMB035M2DD	97.52	2.3	30x30
35	6800	688LMB035M2EC	97.52	1.96	35x25
35	8200	828LMB035M2BH	80.87	2.9	22x50
35	8200	828LMB035M2CF	80.87	2.9	25x40
35	8200	828LMB035M2DD	80.87	2.9	30x30
35	10000	109LMB035M2CG	66.31	3	25x45
35	10000	109LMB035M2DE	66.31	2.95	30x35
35	10000	109LMB035M2ED	66.31	2.2	35x30
35	12000	129LMB035M2CH	55.26	3.5	25x50
35	12000	129LMB035M2DF	55.26	3.5	30x40
35	12000	129LMB035M2ED	55.26	3.5	35x30
35	15000	159LMB035M2DG	44.21	3.7	30x45
35	15000	159LMB035M2EE	44.21	3.9	35x35
35	15000	159LMB035M2EF	44.21	3.65	35x40

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LMB

+105°C, Extended Life, 3000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
35	18000	189LMB035M2EF	36.84	4.51	35x40
35	22000	229LMB035M2EG	30.14	5.24	35x45
50	1500	158LMB050M2AC	386.83	1.29	20x25
50	1500	158LMB050M2BC	386.83	1.05	22x25
50	1800	188LMB050M2AD	322.36	1.53	20x30
50	1800	188LMB050M2BC	322.36	1.5	22x25
50	2200	228LMB050M2AE	263.75	1.72	20x35
50	2200	228LMB050M2BD	263.71	1.31	22x30
50	2200	228LMB050M2CC	263.71	1.25	25x25
50	2700	278LMB050M2AE	214.91	1.82	20x35
50	2700	278LMB050M2BD	214.91	1.8	22x30
50	2700	278LMB050M2CC	214.91	1.8	25x25
50	3300	338LMB050M2AF	175.83	2.01	20x40
50	3300	338LMB050M2BE	175.83	1.94	22x35
50	3300	338LMB050M2CD	175.83	1.98	25x30
50	3300	338LMB050M2DC	175.83	1.5	30x25
50	3900	398LMB050M2BF	148.78	2.23	22x40
50	3900	398LMB050M2CD	148.78	2.2	25x30
50	3900	398LMB050M2DC	148.78	2.2	30x25
50	4700	478LMB050M2BG	123.46	2.54	22x45
50	4700	478LMB050M2CE	123.46	2.58	25x35
50	4700	478LMB050M2DD	123.46	2.53	30x30
50	4700	478LMB050M2EC	123.46	1.86	35x25
50	5600	568LMB050M2BH	103.62	2.8	22x50
50	5600	568LMB050M2CF	103.62	2.8	25x40
50	5600	568LMB050M2DD	103.62	2.76	30x30
50	6800	688LMB050M2CG	85.33	3.32	25x45
50	6800	688LMB050M2DE	85.33	3.34	30x35
50	6800	688LMB050M2ED	85.33	3.25	35x30
50	8200	828LMB050M2DF	70.76	3.71	30x40
50	8200	828LMB050M2EE	70.76	3.85	35x35
50	10000	109LMB050M2DG	58.02	4.04	30x45
50	10000	109LMB050M2DH	58.02	4.51	30x50
50	10000	109LMB050M2EF	58.02	4.02	35x40
50	12000	129LMB050M2EG	48.35	4.56	35x45
50	15000	159LMB050M2EH	38.68	4.73	35x50
63	1000	108LMB063M2AC	497.36	1.21	20x25
63	1000	108LMB063M2BC	414.5	0.91	22x25
63	1200	128LMB063M2AD	414.47	1.43	20x30
63	1200	128LMB063M2BC	414.47	1.4	22x25
63	1500	158LMB063M2AE	331.57	1.52	20x35
63	1500	158LMB063M2BD	331.57	1.43	22x30
63	1500	158LMB063M2CC	331.57	1.42	25x25
63	1800	188LMB063M2AE	276.31	1.72	20x35
63	1800	188LMB063M2BD	276.31	1.7	22x30
63	1800	188LMB063M2CC	276.31	1.7	25x25
63	2200	228LMB063M2BE	226.07	1.8	22x35
63	2200	228LMB063M2BF	226.07	2.01	22x40
63	2200	228LMB063M2CD	226.07	1.35	25x30
63	2200	228LMB063M2CE	226.07	2	25x35
63	2200	228LMB063M2DC	226.07	1.73	30x25
63	2700	278LMB063M2BF	184.21	2.2	22x40
63	2700	278LMB063M2CE	184.21	2.2	25x35
63	2700	278LMB063M2DC	184.21	2.2	30x25
63	3300	338LMB063M2BG	150.71	2.31	22x45
63	3300	338LMB063M2CE	150.71	2.23	25x35
63	3300	338LMB063M2DD	150.71	2.19	30x30
63	3300	338LMB063M2EC	150.71	1.73	35x25
63	3900	398LMB063M2CF	127.53	2.57	25x40
63	3900	398LMB063M2DE	127.53	2.7	30x35
63	4700	478LMB063M2CH	105.82	2.93	25x50
63	4700	478LMB063M2DE	105.82	2.9	30x35
63	4700	478LMB063M2DF	105.82	3	30x40
63	4700	478LMB063M2ED	105.82	2.81	35x30
63	5600	568LMB063M2DF	88.81	3.22	30x40
63	5600	568LMB063M2EE	88.81	3.3	35x35
63	6800	688LMB063M2DG	73.14	3.71	30x45
63	6800	688LMB063M2DH	73.14	3.86	30x50
63	6800	688LMB063M2EF	71.14	3.68	35x40
63	8200	828LMB063M2EG	60.65	4.43	35x45
63	10000	109LMB063M2EH	49.74	4.64	35x50
80	820	827LMB080M2BC	505.45	1.04	22x25
80	1000	108LMB080M2AD	414.47	1.24	20x30
80	1000	108LMB080M2BC	414.5	1.2	22x25
80	1000	108LMB080M2CC	414.5	0.99	25x25
80	1200	128LMB080M2BD	345.39	1.5	22x30
80	1200	128LMB080M2CC	345.39	1.43	25x25
80	1500	158LMB080M2AE	276.31	1.57	20x35
80	1500	158LMB080M2BD	276.31	1.59	22x30
80	1500	158LMB080M2BE	276.31	1.6	22x35
80	1500	158LMB080M2CC	276.31	1.59	25x25
80	1500	158LMB080M2CD	276.31	1.63	25x30
80	1500	158LMB080M2DC	276.31	1.21	30x25
80	1800	188LMB080M2AF	230.26	1.77	20x40
80	1800	188LMB080M2BE	230.26	1.79	22x35
80	1800	188LMB080M2CD	230.26	1.71	25x30
80	2200	228LMB080M2BF	188.39	2.03	22x40
80	2200	228LMB080M2BH	188.4	2.04	22x50
80	2200	228LMB080M2CE	188.4	1.98	25x35
80	2200	228LMB080M2DC	188.39	1.98	30x25
80	2200	228LMB080M2DD	188.4	2.05	30x30
80	2200	228LMB080M2EC	188.4	1.61	35x25
80	2700	278LMB080M2BG	153.51	2.39	22x45
80	2700	278LMB080M2CF	153.51	2.35	25x40
80	2700	278LMB080M2DD	153.51	2.35	30x30
80	3300	338LMB080M2CG	125.6	2.74	25x45
80	3300	338LMB080M2DE	125.6	2.75	30x35
80	3300	338LMB080M2ED	125.6	2.7	35x30
80	3900	398LMB080M2CH	106.27	2.92	25x50
80	3900	398LMB080M2DF	106.27	2.82	30x40
80	3900	398LMB080M2ED	106.27	2.97	35x30
80	4700	478LMB080M2DG	88.18	3.34	30x45
80	4700	478LMB080M2DH	88.18	3.5	30x50
80	4700	478LMB080M2EE	88.18	3.38	35x35
80	4700	478LMB080M2EF	88.18	3.5	35x40
80	5600	568LMB080M2DH	74.01	3.8	30x50
80	5600	568LMB080M2EF	74.01	3.8	35x40
80	6800	688LMB080M2EG	60.95	3.9	35x45
80	6800	688LMB080M2EH	60.95	4.12	35x50
80	8200	828LMB080M2EH	50.54	4.2	35x50
100	560	567LMB100M2AC	740.12	0.95	20x25
100	680	687LMB100M2AD	487.61	1.15	20x30
100	680	687LMB100M2BC	487.61	1.09	22x25
100	820	827LMB100M2AE	404.36	1.31	20x35
100	820	827LMB100M2BD	404.36	1.4	22x30
100	1000	108LMB100M2AE	331.57	1.43	20x35

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LMB

+105°C, Extended Life, 3000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
100	1000	108LMB100M2BD	49.74	1.51	22x30
100	1000	108LMB100M2CC	49.74	1.55	25x25
100	1200	128LMB100M2AF	276.31	1.61	20x40
100	1200	128LMB100M2BE	276.31	1.69	22x35
100	1200	128LMB100M2CD	276.31	1.68	25x30
100	1500	158LMB100M2BF	221.04	1.94	22x40
100	1500	158LMB100M2CE	221.04	2.01	25x35
100	1500	158LMB100M2DC	221.04	1.98	30x25
100	1800	188LMB100M2BG	184.21	2.23	22x45
100	1800	188LMB100M2CF	184.21	2.2	25x40
100	1800	188LMB100M2DD	184.21	2.2	30x30
100	2200	228LMB100M2CG	150.71	2.55	25x45
100	2200	228LMB100M2DE	150.71	2.56	30x35
100	2200	228LMB100M2ED	150.71	2.6	35x30
100	2700	278LMB100M2CH	122.8	2.82	25x50
100	2700	278LMB100M2DF	122.8	2.86	30x40
100	2700	278LMB100M2EE	122.8	2.9	35x35
100	3300	338LMB100M2DG	100.48	3.3	30x45
100	3300	338LMB100M2EE	100.48	3.28	35x35
100	3900	398LMB100M2DH	85.02	3.6	30x50
100	3900	398LMB100M2EF	85.02	3.67	35x40
100	4700	478LMB100M2EG	70.55	4.12	35x45
100	5600	568LMB100M2EH	59.21	4.05	35x50
160	270	277LMB160M2AC	921.04	1.1	20x25
160	330	337LMB160M2AD	753.57	1.2	20x30
160	330	337LMB160M2BC	753.57	1.16	22x25
160	390	397LMB160M2AE	637.64	1.42	20x35
160	390	397LMB160M2BD	637.64	1.27	22x30
160	390	397LMB160M2CC	637.64	1.03	25x25
160	470	477LMB160M2AF	529.11	1.34	20x40
160	470	477LMB160M2BD	529.11	1.51	22x30
160	470	477LMB160M2CC	529.11	1.5	25x25
160	560	567LMB160M2BE	444.07	1.66	22x35
160	560	567LMB160M2CD	444.07	1.65	25x30
160	560	567LMB160M2DC	444.07	1.66	30x25
160	680	687LMB160M2BF	365.71	1.8	22x40
160	680	687LMB160M2CE	365.71	2	25x35
160	680	687LMB160M2DC	365.71	1.82	30x25
160	820	827LMB160M2BG	303.27	2.02	22x45
160	820	827LMB160M2CE	303.27	2	25x35
160	820	827LMB160M2CF	303.27	2.04	25x40
160	820	827LMB160M2DD	303.27	2.03	30x30
160	820	827LMB160M2EC	303.27	2	35x25
160	1000	108LMB160M2CG	248.68	2.22	25x45
160	1000	108LMB160M2DE	248.68	2.21	30x35
160	1000	108LMB160M2EC	248.68	2.24	35x25
160	1200	128LMB160M2CH	207.23	2.43	25x50
160	1200	128LMB160M2DE	207.23	2.4	30x35
160	1200	128LMB160M2DF	207.23	2.49	30x40
160	1200	128LMB160M2ED	207.23	2.41	35x30
160	1500	158LMB160M2DG	165.79	2.88	30x45
160	1500	158LMB160M2EE	165.79	2.84	35x35
160	1800	188LMB160M2DH	138.16	3.32	30x50
160	1800	188LMB160M2EF	138.16	3.28	35x40
160	1800	188LMB160M2EG	138.16	3	35x45
160	2200	228LMB160M2EG	113.04	3.5	35x45
200	220	227LMB200M2AC	1130.36	1	20x25
200	220	227LMB200M2BC	1130.36	0.97	22x25

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
200	270	277LMB200M2AD	921.04	1.1	20x30
200	270	277LMB200M2BC	921.04	1.04	22x25
200	330	337LMB200M2AE	753.57	1.2	20x35
200	330	337LMB200M2BD	753.57	1.21	22x30
200	330	337LMB200M2CC	753.57	1.44	25x25
200	390	397LMB200M2AF	637.64	1.31	20x40
200	390	397LMB200M2BE	637.64	1.31	22x35
200	390	397LMB200M2CC	637.64	1.29	25x25
200	390	397LMB200M2CD	637.64	1.35	25x30
200	470	477LMB200M2BF	529.11	1.52	22x40
200	470	477LMB200M2CD	529.11	1.45	25x30
200	470	477LMB200M2DC	529.11	1.5	30x25
200	560	567LMB200M2BF	444.07	1.7	22x40
200	560	567LMB200M2BG	444.07	1.67	22x45
200	560	567LMB200M2CE	444.07	1.68	25x35
200	560	567LMB200M2DC	444.07	1.67	30x25
200	560	567LMB200M2DD	444.07	1.7	30x30
200	680	687LMB200M2BG	365.71	1.82	22x45
200	680	687LMB200M2BH	365.71	1.75	22x50
200	680	687LMB200M2CE	365.71	1.79	25x35
200	680	687LMB200M2CF	365.71	1.82	25x40
200	680	687LMB200M2DD	365.71	1.84	30x30
200	680	687LMB200M2EC	365.71	1.8	35x25
200	820	827LMB200M2CG	303.27	2.07	25x45
200	820	827LMB200M2DD	303.27	2.05	30x30
200	820	827LMB200M2DE	303.27	2.04	30x35
200	820	827LMB200M2ED	303.27	2.15	35x30
200	1000	108LMB200M2CH	248.68	2.53	25x50
200	1000	108LMB200M2DE	248.68	2.4	30x35
200	1000	108LMB200M2DF	248.68	2.3	30x40
200	1000	108LMB200M2ED	248.68	2.58	35x30
200	1000	108LMB200M2EE	248.68	2.3	35x35
200	1200	128LMB200M2DG	207.23	2.65	30x45
200	1200	128LMB200M2EE	207.23	2.85	35x35
200	1500	158LMB200M2EF	165.79	3.08	35x40
200	1500	158LMB200M2EG	207.23	3.25	35x45
200	1800	188LMB200M2EG	138.16	3.48	35x45
200	1800	188LMB200M2EH	138.16	3.68	35x50
250	150	157LMB250M2AC	1657.86	0.79	20x25
250	180	187LMB250M2AD	1381.55	0.9	20x30
250	180	187LMB250M2BC	1381.55	0.88	22x25
250	220	227LMB250M2AE	1130.36	1	20x35
250	220	227LMB250M2BC	753.6	0.94	22x25
250	220	227LMB250M2BD	1130.36	1	22x30
250	220	227LMB250M2CC	1130.36	0.91	25x25
250	270	277LMB250M2AF	921.04	1.1	20x40
250	270	277LMB250M2BE	921.04	1.13	22x35
250	270	277LMB250M2CC	921.04	1.11	25x25
250	270	277LMB250M2CD	921.04	1.27	25x30
250	330	337LMB250M2BE	753.6	1.23	22x35
250	330	337LMB250M2BF	753.57	1.3	22x40
250	330	337LMB250M2CD	753.6	1.28	25x30
250	330	337LMB250M2DC	753.6	1.24	30x25
250	390	397LMB250M2BF	637.64	1.47	22x40
250	390	397LMB250M2BG	637.64	1.49	22x45
250	390	397LMB250M2CE	637.64	1.46	25x35
250	390	397LMB250M2DC	637.64	1.48	30x25
250	390	397LMB250M2DD	637.64	1.49	30x30

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+105°C, Extended Life, 3000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
250	470	477LMB250M2BH	529.11	1.66	22x50
250	470	477LMB250M2CF	529.11	1.61	25x40
250	470	477LMB250M2DD	529.11	1.59	30x30
250	470	477LMB250M2EC	529.11	1.63	35x25
250	560	567LMB250M2CG	444.07	1.85	25x45
250	560	567LMB250M2DE	444.07	1.85	30x35
250	560	567LMB250M2EC	444.07	1.78	35x25
250	680	687LMB250M2CH	365.71	2.14	25x50
250	680	687LMB250M2DE	365.71	2.04	30x35
250	680	687LMB250M2DF	365.71	2	30x40
250	680	687LMB250M2ED	365.71	2.1	35x30
250	820	827LMB250M2DG	303.27	2.49	30x45
250	820	827LMB250M2EE	303.27	2.45	35x35
250	1000	108LMB250M2DH	248.68	2.7	30x50
250	1000	108LMB250M2EF	248.68	2.56	35x40
250	1200	128LMB250M2EG	207.23	2.85	35x45
250	1500	158LMB250M2EH	165.79	3.28	35x50
350	68	686LMB350M2AC	6095.09	0.47	20x25
350	82	826LMB350M2AD	5054.46	0.54	20x30
350	82	826LMB350M2BC	5054.46	0.43	22x25
350	100	107LMB350M2AD	4144.66	0.6	20x30
350	100	107LMB350M2BC	4144.66	0.69	22x25
350	100	107LMB350M2BD	4144.66	0.51	22x30
350	100	107LMB350M2CC	4144.66	0.51	25x25
350	120	127LMB350M2AE	3453.88	0.68	20x35
350	120	127LMB350M2BD	3453.9	0.55	22x30
350	120	127LMB350M2CC	3453.9	0.55	25x25
350	150	157LMB350M2AF	2763.11	0.78	20x40
350	150	157LMB350M2BE	2763.11	0.66	22x35
350	150	157LMB350M2CD	2763.11	0.67	25x30
350	150	157LMB350M2DC	2763.11	0.69	30x25
350	180	187LMB350M2BF	2302.59	0.77	22x40
350	180	187LMB350M2CD	2302.59	0.92	25x30
350	180	187LMB350M2CE	2302.59	0.78	25x35
350	180	187LMB350M2DC	2302.59	0.9	30x25
350	180	187LMB350M2DD	2302.59	0.82	30x30
350	220	227LMB350M2BG	2302.59	1.05	22x45
350	220	227LMB350M2CE	2302.59	1.04	25x35
350	220	227LMB350M2CF	1130.36	0.91	25x40
350	220	227LMB350M2DD	2302.59	0.9	30x30
350	220	227LMB350M2EC	2302.59	0.92	35x25
350	270	277LMB350M2BH	1535.06	1.16	22x50
350	270	277LMB350M2CF	1535.06	1.18	25x40
350	270	277LMB350M2CG	1535.06	1.07	25x45
350	270	277LMB350M2DD	1535.06	1.17	30x30
350	270	277LMB350M2DE	1535.06	1.06	30x35
350	270	277LMB350M2EC	1535.06	1.17	35x25
350	270	277LMB350M2ED	1535.06	1.1	35x30
350	330	337LMB350M2CG	1255.96	1.29	25x45
350	330	337LMB350M2CH	753.57	1.23	25x50
350	330	337LMB350M2DE	1255.96	1.34	30x35
350	330	337LMB350M2DF	753.57	1.24	30x40
350	330	337LMB350M2ED	1255.96	1.21	35x30
350	390	397LMB350M2CH	1062.73	1.51	25x50
350	390	397LMB350M2DF	1062.73	1.51	30x40
350	390	397LMB350M2DG	637.64	1.42	30x45
350	390	397LMB350M2EE	1062.73	1.4	35x35
350	470	477LMB350M2DG	881.84	1.65	30x45

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
350	470	477LMB350M2EE	881.84	1.69	35x35
350	470	477LMB350M2EF	529.11	1.62	35x40
350	560	567LMB350M2DH	740.12	1.85	30x50
350	560	567LMB350M2ED	740.12	1.91	35x30
350	560	567LMB350M2EF	740.12	1.9	35x40
350	560	567LMB350M2EG	740.12	1.86	35x45
350	680	687LMB350M2EG	609.51	2.2	35x45
400	56	566LMB400M2AC	7401.18	0.51	20x25
400	68	686LMB400M2AD	6095.09	0.56	20x30
400	68	686LMB400M2BC	6095.1	0.53	22x25
400	82	826LMB400M2AD	5054.46	0.64	20x30
400	82	826LMB400M2BC	5054.46	0.64	22x25
400	82	826LMB400M2BD	5054.46	0.56	22x30
400	82	826LMB400M2CC	5054.46	0.56	25x25
400	100	107LMB400M2AE	4144.66	0.7	20x35
400	100	107LMB400M2BD	4144.66	0.68	22x30
400	100	107LMB400M2CC	4144.66	0.68	25x25
400	120	127LMB400M2BE	3453.88	0.72	22x35
400	120	127LMB400M2BF	3453.88	0.75	22x40
400	120	127LMB400M2CC	3453.88	0.73	25x25
400	120	127LMB400M2CD	3453.88	0.76	25x30
400	150	157LMB400M2BF	2763.11	0.85	22x40
400	150	157LMB400M2CD	2763.11	0.85	25x30
400	150	157LMB400M2DC	2763.11	0.9	30x25
400	180	187LMB400M2BG	2302.59	0.98	22x45
400	180	187LMB400M2CE	2302.59	1	25x35
400	180	187LMB400M2DD	2302.59	0.99	30x30
400	180	187LMB400M2EC	2302.59	1.01	35x25
400	220	227LMB400M2BH	2302.59	1.1	22x50
400	220	227LMB400M2CF	2302.59	1.15	25x40
400	220	227LMB400M2DD	2302.59	1.1	30x30
400	220	227LMB400M2EC	2302.59	1.1	35x25
400	270	277LMB400M2CG	1535.06	1.3	25x45
400	270	277LMB400M2CH	1535.06	1.29	25x50
400	270	277LMB400M2DE	1535.06	1.26	30x35
400	270	277LMB400M2ED	1535.06	1.27	35x30
400	330	337LMB400M2DF	753.57	1.5	30x40
400	330	337LMB400M2DG	1255.96	1.55	30x45
400	330	337LMB400M2ED	1255.96	1.5	35x30
400	390	397LMB400M2DG	1062.73	1.6	30x45
400	390	397LMB400M2EE	1062.73	1.7	35x35
400	470	477LMB400M2EF	881.84	2.07	35x40
400	560	567LMB400M2EG	740.12	2.36	35x45
400	680	687LMB400M2EH	609.51	2.4	35x50
450	47	476LMB450M2AC	8818.43	0.39	20x25
450	47	476LMB450M2BC	5291.06	0.39	22x25
450	56	566LMB450M2AD	7401.18	0.46	20x30
450	56	566LMB450M2BC	7401.18	0.5	22x25
450	68	686LMB450M2AE	6095.09	0.56	20x35
450	68	686LMB450M2BD	6095.09	0.54	22x30
450	68	686LMB450M2CC	6095.09	0.5	25x25
450	82	826LMB450M2AE	5054.46	0.64	20x35
450	82	826LMB450M2BD	5054.46	0.64	22x30
450	82	826LMB450M2BE	5054.46	0.61	22x35
450	82	826LMB450M2CC	5054.46	0.64	25x25
450	82	826LMB450M2CD	3032.68	0.6	25x30
450	100	107LMB450M2BC	4144.66	0.69	22x25
450	100	107LMB450M2BE	4144.66	0.69	22x35

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+105°C, Extended Life, 3000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
450	100	107LMB450M2CC	4144.66	0.65	25x25
450	100	107LMB450M2DC	4144.66	0.68	30x25
450	120	127LMB450M2BF	3453.88	0.8	22x40
450	120	127LMB450M2BG	3453.88	0.8	22x45
450	120	127LMB450M2CD	3453.88	0.8	25x30
450	120	127LMB450M2CE	3453.88	0.77	25x35
450	120	127LMB450M2DC	3453.88	0.8	30x25
450	120	127LMB450M2DD	3453.88	0.8	30x30
450	120	127LMB450M2EC	3453.88	0.82	35x25
450	150	157LMB450M2BG	2763.11	0.88	22x45
450	150	157LMB450M2CE	2763.11	0.88	25x35
450	150	157LMB450M2CF	2763.11	0.96	25x40
450	150	157LMB450M2DD	2763.11	0.88	30x30
450	150	157LMB450M2DE	2763.11	0.96	30x35
450	150	157LMB450M2ED	2763.11	0.99	35x30
450	180	187LMB450M2CF	2302.59	1.1	25x40
450	180	187LMB450M2DD	2302.59	1	30x30

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
450	180	187LMB450M2DE	2302.59	1.05	30x35
450	180	187LMB450M2ED	2302.59	1.08	35x30
450	220	227LMB450M2CG	2302.59	1.12	25x45
450	220	227LMB450M2DE	2302.59	1.12	30x35
450	220	227LMB450M2ED	2302.59	1.12	35x30
450	220	227LMB450M2EE	2302.59	1.27	35x35
450	270	277LMB450M2DF	1535.06	1.28	30x40
450	270	277LMB450M2DG	1535.06	1.48	30x45
450	270	277LMB450M2EE	1535.06	1.49	35x35
450	330	337LMB450M2DH	1255.96	1.45	30x50
450	330	337LMB450M2EF	1255.96	1.45	35x40
450	330	337LMB450M2EG	1255.96	1.72	35x45
450	390	397LMB450M2DH	529.11	1.96	30x50
450	390	397LMB450M2EF	1062.73	1.55	35x40
450	470	477LMB450M2EH	529.11	1.85	35x50
450	560	567LMB450M2EH	740.12	2.15	35x50

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LMX

Aluminum Electrolytic Capacitors

105°C 5,000 Hour Snap-Mount

FEATURES	Multiple Case Sizes - High Voltage – High Current
APPLICATIONS	Bulk Filtering – Switching Power Supplies

Operating Temperature Range		**-40°C to +105°C (≤100WVDC) -25°C to +105°C (≥160WVDC)**													
Capacitance Tolerance		**±20% at 120 Hz, 20°C**													
Surge Voltage	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
	SVDC	13	20	32	44	63	79	100	120	200	250	300	400	450	500
Dissipation Factor tan δ (120 Hz)	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
		.6	.45	.3	.25	.2	.15	.15	.15	.15	.15	.15	.15	.2	.2
		For capacitances above 33000uF, add to DF value (Capacitance-33000) *0.1 / 10000													
Leakage Current @20°C, Rated WVDC applied		Time	**5 Minutes**												
			3√CV												
Impedance Ratio (120 Hz)	**WVDC**	**10**	**16**	**25**	**35**	**50**	**63**	**80**	**100**	**160**	**200**	**250**	**350**	**400**	**450**
	-25°C/+20°C	6	6	6	6	4	3	3	3	8	8	8	8	8	8
	-40°C/+20°C	15	15	15	15	15	15	15		-	-	-	-	-	-

Load Life	**5000 hours at 105°C with rated WVDC and ripple current applied**	
	Capacitance change	≤20% of initial measured value
	Dissipation factor	≤200% of maximum specified value
	Leakage current	≤100% of maximum specified value
Shelf Life	**1000 hours at 105°C with no voltage applied**	
	Capacitance Change	≤20% of initial measured value
	Dissipation Factor	≤200% of maximum specified value
	Leakage Current	≤100% of maximum specified value

Ripple Current Multipliers		**Frequency (Hz)**						**Temperature (°C)**				
	WVDC	60	120	400	1k	10k	50k	45	65	75	85	105
	≤100	0.9	1.0	1.0	1.15	1.25	1.25	2.4	2.1	1.9	1.7	1
	160<V≤250	0.8	1.0	1.0	1.25	1.47	1.47	2.4	2.1	1.9	1.7	1
	≥350	0.8	1.0	1.0	1.3	1.47	1.47	2.4	2.1	1.9	1.7	1

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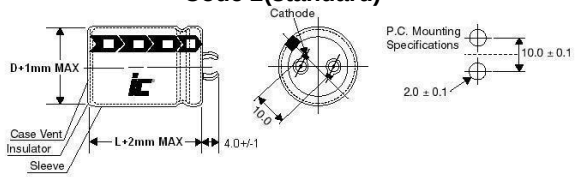
LMX

Aluminum Electrolytic Capacitors

105°C 5,000 Hour Snap-Mount

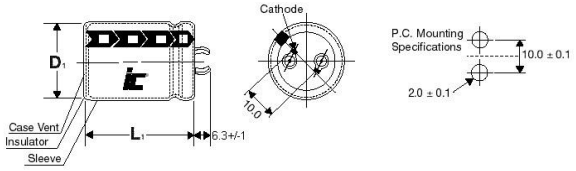
Lead Style Options

Code 2(standard)



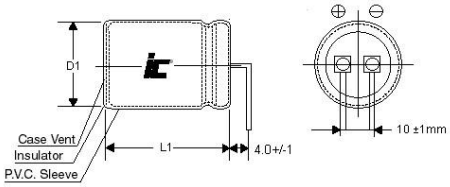
Diameter 20 to 40 mm

Code W



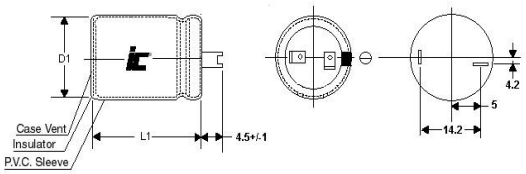
Diameter 20 to 40 mm

Code P



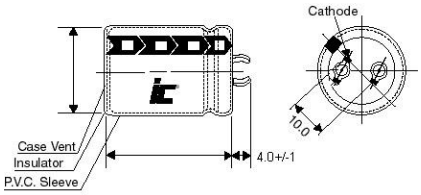
Diameter 22 to 35 mm

Code D



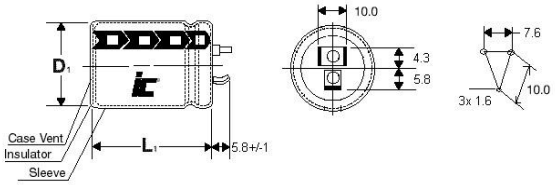
Diameter 30 to 40 mm

Code 9



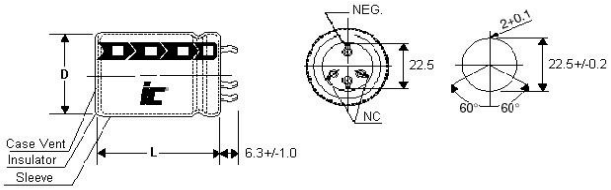
Diameter 25 to 35 mm

Code T



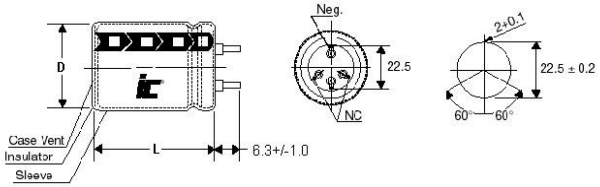
Diameter 25 to 35 mm

Code 4



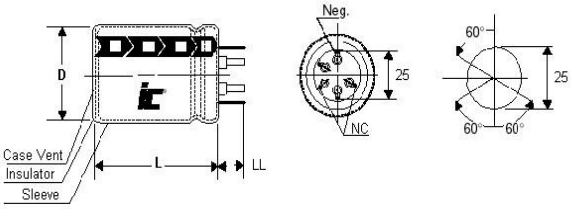
Diameter 35 to 45 mm

Code 4S (straight leads)



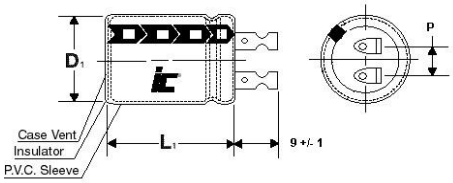
Diameter 35 to 45 mm

Code 5



Diameter 40 to 50 mm

Code G



D	35	40	50	63	76
P	14	14	18	25	25

Diameter 35 to 76 mm

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LMX

+105°C, Long Life, 5000 Hour

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
10	6800	688LMX010M2BC	0.1463	1.3	22x25
10	10000	109LMX010M2BD	0.0995	1.65	22x30
10	10000	109LMX010M2CC	0.0995	1.64	25x25
10	12000	129LMX010M2BE	0.0829	1.85	22x35
10	12000	129LMX010M2CD	0.0829	1.85	25x30
10	12000	129LMX010M2DC	0.0829	1.89	30x25
10	15000	159LMX010M2BF	0.0663	2.12	22x40
10	15000	159LMX010M2CE	0.0663	2.16	25x35
10	18000	189LMX010M2BH	0.0553	2.45	22x50
10	18000	189LMX010M2CF	0.0553	2.43	25x40
10	18000	189LMX010M2DD	0.0553	2.37	30x30
10	18000	189LMX010M2EC	0.0553	2.43	35x25
10	22000	229LMX010M2BG	0.0452	2.65	22x45
10	22000	229LMX010M2CF	0.0452	2.7	25x40
10	22000	229LMX010M2DE	0.0452	2.73	30x35
10	22000	229LMX010M2ED	0.0452	2.79	35x30
10	27000	279LMX010M2CH	0.0368	3.11	25x50
10	27000	279LMX010M2DF	0.0368	3.13	30x40
10	33000	339LMX010M2BH	0.0301	3.35	22x50
10	33000	339LMX010M2CG	0.0301	3.4	25x45
10	33000	339LMX010M2DE	0.0301	3.48	30x35
10	33000	339LMX010M2EE	0.0301	3.49	35x35
10	39000	399LMX010M2DH	0.0255	3.99	30x50
10	39000	399LMX010M2EF	0.0255	3.96	35x40
10	47000	479LMX010M2DG	0.0212	4.15	30x45
10	47000	479LMX010M2EF	0.0212	4.62	35x40
16	5600	568LMX016M2BC	0.1332	1.44	22x25
16	6800	688LMX016M2BD	0.1097	1.66	22x30
16	6800	688LMX016M2CC	0.1097	1.66	25x25
16	8200	828LMX016M2BE	0.091	1.87	22x35
16	8200	828LMX016M2CC	0.091	1.85	25x25
16	10000	109LMX016M2BF	0.0746	2.12	22x40
16	10000	109LMX016M2CD	0.0746	2.07	25x30
16	10000	109LMX016M2DC	0.0746	2.11	30x25
16	12000	129LMX016M2BG	0.0622	2.45	22x45
16	12000	129LMX016M2CE	0.0622	2.37	25x35
16	12000	129LMX016M2DD	0.0622	2.37	30x30
16	12000	129LMX016M2EC	0.0622	2.42	35x25
16	15000	159LMX016M2BH	0.0497	2.74	22x50
16	15000	159LMX016M2CF	0.0497	2.71	25x40
16	15000	159LMX016M2DD	0.0497	2.75	30x30
16	15000	159LMX016M2EC	0.0497	2.65	35x25
16	18000	189LMX016M2CH	0.0414	3.11	25x50
16	18000	189LMX016M2DE	0.0414	3.02	30x35
16	18000	189LMX016M2ED	0.0414	3.09	35x30
16	22000	229LMX016M2DF	0.0339	3.46	30x40
16	22000	229LMX016M2EE	0.0339	3.49	35x35
16	27000	279LMX016M2DH	0.0276	4.07	30x50
16	27000	279LMX016M2EF	0.0276	4.04	35x40
16	33000	339LMX016M2EF	0.0226	4.65	35x40
16	39000	399LMX016M2EH	0.0191	5.16	35x50
25	3900	398LMX025M2BC	0.1275	1.31	22x25
25	4700	478LMX025M2BD	0.1058	1.51	22x30
25	4700	478LMX025M2CC	0.1058	1.51	25x25
25	5600	568LMX025M2BE	0.0888	1.7	22x35
25	5600	568LMX025M2CC	0.0888	1.65	25x25
25	6800	688LMX025M2BF	0.0731	1.92	22x40
25	6800	688LMX025M2CD	0.0731	1.87	25x30

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
25	6800	688LMX025M2DC	0.0731	1.9	30x25
25	8200	828LMX025M2BG	0.0607	2.15	22x45
25	8200	828LMX025M2CE	0.0607	2.14	25x35
25	8200	828LMX025M2DD	0.0607	2.16	30x30
25	8200	828LMX025M2EC	0.0607	2.19	35x25
25	10000	109LMX025M2BH	0.0497	2.45	22x50
25	10000	109LMX025M2CF	0.0497	2.43	25x40
25	12000	129LMX025M2CH	0.0414	2.78	25x50
25	12000	129LMX025M2DE	0.0414	2.7	30x35
25	12000	129LMX025M2ED	0.0414	2.76	35x30
25	15000	159LMX025M2DF	0.0332	3.13	30x40
25	15000	159LMX025M2EE	0.0332	3.16	35x35
25	18000	189LMX025M2DH	0.0276	3.64	30x50
25	18000	189LMX025M2EF	0.0276	3.61	35x40
25	27000	279LMX025M2EH	0.0301	4.7	35x50
35	2200	228LMX035M2BC	0.1884	1.1	22x25
35	3300	338LMX035M2BD	0.1063	1.42	22x30
35	3300	338LMX035M2CC	0.1063	1.41	25x25
35	3900	398LMX035M2BE	0.1063	1.58	22x35
35	3900	398LMX035M2CD	0.1063	1.58	25x30
35	4700	478LMX035M2BF	0.0882	1.78	22x40
35	4700	478LMX035M2CD	0.0882	1.7	25x30
35	4700	478LMX035M2DC	0.0882	1.77	30x25
35	5600	568LMX035M2CE	0.074	1.98	25x35
35	5600	568LMX035M2DD	0.074	1.98	30x30
35	5600	568LMX035M2EC	0.074	2.03	35x25
35	6800	688LMX035M2BH	0.061	2.26	22x50
35	6800	688LMX035M2CF	0.061	2.24	25x40
35	8200	828LMX035M2CH	0.0505	2.57	25x50
35	8200	828LMX035M2DE	0.0505	2.5	30x35
35	8200	828LMX035M2ED	0.0505	2.55	35x30
35	10000	109LMX035M2DF	0.0414	2.86	30x40
35	10000	109LMX035M2EE	0.0414	2.88	35x35
35	12000	129LMX035M2DH	0.0345	3.32	30x50
35	12000	129LMX035M2EF	0.0345	3.3	35x40
35	18000	189LMX035M2EH	0.023	4.29	35x50
50	1500	158LMX050M2BC	0.221	1.02	22x25
50	1800	188LMX050M2BD	0.1842	1.17	22x30
50	1800	188LMX050M2CC	0.1842	1.17	25x25
50	2200	228LMX050M2BE	0.1507	1.33	22x35
50	2200	228LMX050M2CC	0.1507	1.35	25x25
50	2700	278LMX050M2BF	0.1228	1.51	22x40
50	2700	278LMX050M2CD	0.1228	1.47	25x30
50	2700	278LMX050M2DC	0.1228	1.5	30x25
50	3300	338LMX050M2CE	0.085	1.7	25x35
50	3300	338LMX050M2DD	0.085	1.7	30x30
50	3300	338LMX050M2EC	0.085	2.2	35x25
50	3900	398LMX050M2BH	0.085	1.91	22x50
50	3900	398LMX050M2CF	0.085	1.89	25x40
50	3900	398LMX050M2DD	0.085	1.89	30x30
50	3900	398LMX050M2EC	0.085	2.1	35x25
50	4700	478LMX050M2DE	0.0705	2.11	30x35
50	4700	478LMX050M2ED	0.0705	2.16	35x30
50	5600	568LMX050M2CH	0.0592	2.38	25x50
50	5600	568LMX050M2DF	0.0592	2.39	30x40
50	5600	568LMX050M2EE	0.0592	2.41	35x35
50	6800	688LMX050M2DH	0.0488	2.79	30x50
50	6800	688LMX050M2EF	0.0488	2.78	35x40

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LMX

+105°C, Long Life, 5000 Hour

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
50	10000	109LMX050M2EH	0.0332	3.57	35x50
63	1000	108LMX063M2BC	0.2487	1	22x25
63	1200	128LMX063M2BD	0.2072	1.15	22x30
63	1200	128LMX063M2CC	0.2072	1.15	25x25
63	1500	158LMX063M2BE	0.1658	1.32	22x35
63	1500	158LMX063M2CC	0.1658	1.35	25x25
63	1800	188LMX063M2BF	0.1382	1.49	22x40
63	1800	188LMX063M2CD	0.1382	1.45	25x30
63	1800	188LMX063M2DC	0.1382	1.48	30x25
63	2200	228LMX063M2BG	0.113	1.75	22x45
63	2200	228LMX063M2CE	0.113	1.67	25x35
63	2200	228LMX063M2DD	0.113	1.68	30x30
63	2200	228LMX063M2EC	0.113	1.71	35x25
63	2700	278LMX063M2BH	0.0921	1.92	22x50
63	2700	278LMX063M2CF	0.0921	1.9	25x40
63	2700	278LMX063M2DE	0.0921	1.93	30x35
63	2700	278LMX063M2EC	0.0921	1.95	35x25
63	3300	338LMX063M2CG	0.0638	2.2	25x45
63	3300	338LMX063M2CH	0.0638	2.2	25x50
63	3300	338LMX063M2DE	0.0638	2.35	30x35
63	3300	338LMX063M2ED	0.0638	2.18	35x30
63	3900	398LMX063M2CH	0.0638	2.35	25x50
63	3900	398LMX063M2DF	0.0638	2.41	30x40
63	3900	398LMX063M2EE	0.0638	2.43	35x35
63	4700	478LMX063M2DH	0.0529	2.8	30x50
63	4700	478LMX063M2EF	0.0529	2.78	35x40
63	5600	568LMX063M2EF	0.0444	2.95	35x40
63	6800	688LMX063M2EG	0.0366	3.25	35x45
63	6800	688LMX063M2EH	0.0366	3.55	35x50
63	8200	828LMX063M2EH	0.0303	3.55	35x50
80	680	687LMX080M2BC	0.3657	0.97	22x25
80	820	827LMX080M2BD	0.3033	1.12	22x30
80	1000	108LMX080M2BE	0.2487	1.7	22x35
80	1000	108LMX080M2CC	0.2487	1.36	25x25
80	1200	128LMX080M2BF	0.2072	1.75	22x40
80	1200	128LMX080M2CD	0.2072	1.39	25x30
80	1200	128LMX080M2DC	0.2072	1.41	30x25
80	1500	158LMX080M2BF	0.1658	1.8	22x40
80	1500	158LMX080M2CE	0.1658	1.62	25x35
80	1500	158LMX080M2DC	0.1658	1.65	30x25
80	1800	188LMX080M2BF	0.1382	1.82	22x40
80	1800	188LMX080M2BH	0.1382	1.84	22x50
80	1800	188LMX080M2CE	0.1382	1.85	25x35
80	1800	188LMX080M2CF	0.1382	1.95	25x40
80	1800	188LMX080M2DD	0.1382	1.78	30x30
80	1800	188LMX080M2EC	0.1382	1.92	35x25
80	2200	228LMX080M2CH	0.113	2.11	25x50
80	2200	228LMX080M2DE	0.113	2.05	30x35
80	2200	228LMX080M2ED	0.113	2.09	35x30
80	2700	278LMX080M2DF	0.0921	3.35	30x40
80	2700	278LMX080M2EE	0.0921	2.65	35x35
80	3300	338LMX080M2DH	0.0638	2.75	30x50
80	3300	338LMX080M2EF	0.0638	2.73	35x40
80	4700	478LMX080M2EH	0.0529	3.46	35x50
100	390	397LMX100M2BC	0.6376	0.78	22x25
100	560	567LMX100M2BD	0.4441	0.99	22x30
100	560	567LMX100M2CC	0.4441	0.98	25x25
100	680	687LMX100M2BE	0.3657	1.12	22x35

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
100	680	687LMX100M2CC	0.3657	1.05	25x25
100	820	827LMX100M2BF	0.3033	1.26	22x40
100	820	827LMX100M2CD	0.3033	1.23	25x30
100	820	827LMX100M2DC	0.3033	1.25	30x25
100	1000	108LMX100M2BG	0.2487	1.41	22x45
100	1000	108LMX100M2CE	0.2487	1.45	25x35
100	1000	108LMX100M2DD	0.2487	1.42	30x30
100	1000	108LMX100M2EC	0.2487	1.45	35x25
100	1200	128LMX100M2BH	0.2072	1.6	22x50
100	1200	128LMX100M2CF	0.2072	1.59	25x40
100	1200	128LMX100M2DE	0.2072	1.61	30x35
100	1200	128LMX100M2EC	0.2072	1.65	35x25
100	1500	158LMX100M2CH	0.1658	1.86	25x50
100	1500	158LMX100M2DF	0.1658	1.87	30x40
100	1500	158LMX100M2ED	0.1658	1.85	35x30
100	1800	188LMX100M2DF	0.1382	1.95	30x40
100	1800	188LMX100M2DG	0.1382	2.15	30x45
100	1800	188LMX100M2EE	0.1382	2.07	35x35
100	2200	228LMX100M2DH	0.113	2.4	30x50
100	2200	228LMX100M2EF	0.113	2.39	35x40
100	2700	278LMX100M2EH	0.0921	2.81	35x50
160	390	397LMX160M2BD	0.6376	1.42	22x30
160	470	477LMX160M2BE	0.5291	1.62	22x35
160	560	567LMX160M2BE	0.4441	1.77	22x35
160	560	567LMX160M2CD	0.4441	1.81	25x30
160	560	567LMX160M2DC	0.4441	1.81	30x25
160	680	687LMX160M2BF	0.3657	1.98	22x40
160	680	687LMX160M2BG	0.3657	1.98	22x45
160	680	687LMX160M2CE	0.3657	2.01	25x35
160	680	687LMX160M2DC	0.3657	1.96	30x25
160	680	687LMX160M2DD	0.3657	1.96	30x30
160	820	827LMX160M2BG	0.3033	2.2	22x45
160	820	827LMX160M2BH	0.3033	2.2	22x50
160	820	827LMX160M2CF	0.3033	2.24	25x40
160	820	827LMX160M2DE	0.3033	2.2	30x35
160	1000	108LMX160M2CG	0.2487	2.55	25x45
160	1000	108LMX160M2DE	0.2487	2.55	30x35
160	1000	108LMX160M2DF	0.2487	2.55	30x40
160	1000	108LMX160M2EC	0.2487	2.55	35x25
160	1200	128LMX160M2CH	0.2072	2.93	25x50
160	1200	128LMX160M2DF	0.2072	2.84	30x40
160	1200	128LMX160M2DG	0.2072	2.84	30x45
160	1200	128LMX160M2ED	0.2072	2.86	35x30
160	1500	158LMX160M2DG	0.1658	3.17	30x45
160	1500	158LMX160M2DH	0.1658	3.22	30x50
160	1500	158LMX160M2EE	0.1658	3.22	35x35
160	1800	188LMX160M2DH	0.1382	3.53	30x50
160	1800	188LMX160M2EF	0.1382	3.66	35x40
160	2200	228LMX160M2EG	0.113	4.14	35x45
160	2700	278LMX160M2EH	0.0921	4.68	35x50
200	220	227LMX200M2BC	1.1304	0.85	22x25
200	270	277LMX200M2BC	0.921	1.1	22x25
200	270	277LMX200M2BD	0.921	1.02	22x30
200	270	277LMX200M2CC	0.921	1.02	25x25
200	330	337LMX200M2BD	0.754	1.12	22x30
200	330	337LMX200M2BE	0.754	1.2	22x35
200	330	337LMX200M2CC	0.754	1.12	25x25
200	330	337LMX200M2CD	0.754	1.21	25x30

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LMX

+105°C, Long Life, 5000 Hour

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
200	390	397LMX200M2BE	0.6376	1.31	22x35
200	390	397LMX200M2CD	0.6376	1.32	25x30
200	390	397LMX200M2CE	0.6376	1.4	25x35
200	390	397LMX200M2DC	0.6376	1.37	30x25
200	470	477LMX200M2BF	0.5291	1.52	22x40
200	470	477LMX200M2BG	0.5291	1.6	22x45
200	470	477LMX200M2CD	0.5291	1.45	25x30
200	470	477LMX200M2CE	0.5291	1.54	25x35
200	470	477LMX200M2DC	0.5291	1.5	30x25
200	470	477LMX200M2DD	0.5291	1.61	30x30
200	560	567LMX200M2BG	0.4441	1.75	22x45
200	560	567LMX200M2BH	0.4441	1.83	22x50
200	560	567LMX200M2CE	0.4441	1.68	25x35
200	560	567LMX200M2CF	0.4441	1.78	25x40
200	560	567LMX200M2DC	0.4441	1.78	30x25
200	560	567LMX200M2DD	0.4441	1.76	30x30
200	560	567LMX200M2DE	0.4441	1.87	30x35
200	680	687LMX200M2BH	0.3657	1.9	22x50
200	680	687LMX200M2CF	0.3657	1.96	25x40
200	680	687LMX200M2CH	0.3657	2.16	25x50
200	680	687LMX200M2DD	0.3657	1.94	30x30
200	680	687LMX200M2DE	0.3657	2.06	30x35
200	680	687LMX200M2EC	0.3657	1.98	35x25
200	820	827LMX200M2CG	0.3033	2.27	25x45
200	820	827LMX200M2DE	0.3033	2.26	30x35
200	820	827LMX200M2DF	0.3033	2.39	30x40
200	820	827LMX200M2ED	0.3033	2.33	35x30
200	1000	108LMX200M2CH	0.2487	2.46	25x50
200	1000	108LMX200M2DF	0.2487	2.64	30x40
200	1000	108LMX200M2DG	0.2487	2.78	30x45
200	1000	108LMX200M2EE	0.2487	2.74	35x35
200	1200	128LMX200M2DG	0.2072	3.04	30x45
200	1200	128LMX200M2DH	0.2072	3.19	30x50
200	1200	128LMX200M2EE	0.2072	2.88	35x35
200	1200	128LMX200M2EF	0.2072	3.17	35x40
200	1200	128LMX200M2EG	0.2072	3.33	35x45
200	1500	158LMX200M2EF	0.1658	3.34	35x40
200	1500	158LMX200M2EG	0.1658	3.72	35x45
200	1500	158LMX200M2EH	0.1658	3.75	35x50
200	1800	188LMX200M2EG	0.1382	3.74	35x45
200	1800	188LMX200M2EH	0.1382	4.1	35x50
250	150	157LMX250M2BC	1.6279	0.69	22x25
250	180	187LMX250M2BC	1.3816	0.76	22x25
250	180	187LMX250M2BD	1.3816	0.82	22x30
250	180	187LMX250M2CC	1.3816	0.82	25x25
250	220	227LMX250M2BD	1.1304	0.91	22x30
250	220	227LMX250M2BE	1.1304	0.97	22x35
250	220	227LMX250M2CD	1.1304	0.98	25x30
250	270	277LMX250M2BD	0.921	1.01	22x30
250	270	277LMX250M2BE	0.921	1.07	22x35
250	270	277LMX250M2CC	0.921	1.01	25x25
250	270	277LMX250M2CD	0.921	1.08	25x30
250	330	337LMX250M2BE	0.754	1.19	22x35
250	330	337LMX250M2BF	0.754	1.26	22x40
250	330	337LMX250M2CD	0.754	1.2	25x30
250	330	337LMX250M2CE	0.754	1.28	25x35
250	330	337LMX250M2DC	0.754	1.24	30x25
250	390	397LMX250M2BF	0.6376	1.37	22x40

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
250	390	397LMX250M2BG	0.6376	1.44	22x45
250	390	397LMX250M2CE	0.6376	1.39	25x35
250	390	397LMX250M2CF	0.6376	1.47	25x40
250	390	397LMX250M2DD	0.6376	1.45	30x30
250	390	397LMX250M2DE	0.6376	1.54	30x35
250	470	477LMX250M2BH	0.5291	1.66	22x50
250	470	477LMX250M2CF	0.5291	1.61	25x40
250	470	477LMX250M2CG	0.5291	1.7	25x45
250	470	477LMX250M2DD	0.5291	1.59	30x30
250	470	477LMX250M2DE	0.5291	1.69	30x35
250	470	477LMX250M2EC	0.5291	1.63	35x25
250	560	567LMX250M2CG	0.4441	1.85	25x45
250	560	567LMX250M2DE	0.4441	1.85	30x35
250	560	567LMX250M2DF	0.4441	1.95	30x40
250	560	567LMX250M2ED	0.4441	1.91	35x30
250	680	687LMX250M2CH	0.3657	2.21	25x50
250	680	687LMX250M2DF	0.3657	2.15	30x40
250	680	687LMX250M2DG	0.3657	2.26	30x45
250	680	687LMX250M2ED	0.3657	2.1	35x30
250	820	827LMX250M2DG	0.3033	2.49	30x45
250	820	827LMX250M2DH	0.3033	2.6	30x50
250	820	827LMX250M2EE	0.3033	2.45	35x35
250	1000	108LMX250M2DH	0.2487	2.68	30x50
250	1000	108LMX250M2DP	0.2487	3	30x55
250	1000	108LMX250M2EF	0.2487	2.86	35x40
250	1200	128LMX250M2EG	0.2072	3.05	35x45
250	1200	128LMX250M2EH	0.2072	3.44	35x50
250	1200	128LMX250M2EP	0.2072	3.58	35x55
250	1500	158LMX250M2EH	0.1658	3.49	35x50
250	1500	158LMX250M2EP	0.1658	4	35x55
350	120	127LMX350M2BD	2.7631	0.78	22x30
350	150	157LMX350M2BE	2.2105	0.9	22x35
350	180	187LMX350M2BF	1.8421	1.01	22x40
350	180	187LMX350M2CD	1.8421	1.01	25x30
350	220	227LMX350M2BG	1.5071	1.15	22x45
350	220	227LMX350M2CE	1.5071	1.15	25x35
350	220	227LMX350M2DD	1.5071	1.15	30x30
350	270	277LMX350M2BH	1.228	1.25	22x50
350	270	277LMX350M2CF	1.228	1.25	25x40
350	270	277LMX350M2DD	1.228	1.25	30x30
350	270	277LMX350M2EC	1.228	1.25	35x25
350	330	337LMX350M2CG	1.0048	1.43	25x45
350	330	337LMX350M2DE	1.0048	1.43	30x35
350	330	337LMX350M2ED	1.0048	1.43	35x30
350	390	397LMX350M2CH	1.0048	1.61	25x50
350	390	397LMX350M2DF	1.0048	1.6	30x40
350	390	397LMX350M2ED	1.0048	1.61	35x30
350	390	397LMX350M2EE	1.0048	1.76	35x35
350	470	477LMX350M2DG	0.7055	1.81	30x45
350	470	477LMX350M2EE	0.7055	1.83	35x35
350	560	567LMX350M2DH	0.5921	2	30x50
350	560	567LMX350M2EF	0.5921	2.07	35x40
350	680	687LMX350M2EG	0.4876	2.34	35x45
350	820	827LMX350M2EH	0.4044	2.62	35x50
400	68	686LMX400M2BC	4.8761	0.47	22x25
400	82	826LMX400M2BC	4.0436	0.52	22x25
400	82	826LMX400M2BD	4.0436	0.56	22x30
400	100	107LMX400M2BD	3.3157	0.62	22x30

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LMX

+105°C, Long Life, 5000 Hour

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
400	100	107LMX400M2BE	3.3157	0.66	22x35
400	100	107LMX400M2CC	3.3157	0.62	25x25
400	100	107LMX400M2CD	3.3157	0.66	25x30
400	120	127LMX400M2BE	2.7631	0.72	22x35
400	120	127LMX400M2BF	2.7631	0.76	22x40
400	120	127LMX400M2CD	2.7631	0.73	25x30
400	120	127LMX400M2CE	2.7631	0.77	25x35
400	120	127LMX400M2DC	2.7631	0.75	30x25
400	150	157LMX400M2BF	2.2105	0.85	22x40
400	150	157LMX400M2BG	2.2105	0.9	22x45
400	150	157LMX400M2CD	2.2105	0.81	25x30
400	150	157LMX400M2CE	2.2105	0.91	25x35
400	150	157LMX400M2CF	2.2105	0.92	25x40
400	150	157LMX400M2DC	2.2105	0.84	30x25
400	150	157LMX400M2DD	2.2105	0.9	30x30
400	180	187LMX400M2BG	1.8421	0.98	22x45
400	180	187LMX400M2BH	1.8421	1.03	22x50
400	180	187LMX400M2CE	1.8421	0.95	25x35
400	180	187LMX400M2CF	1.8421	1.06	25x40
400	180	187LMX400M2DD	1.8421	1.1	30x30
400	180	187LMX400M2DE	1.8421	1.06	30x35
400	180	187LMX400M2EC	1.8421	1.01	35x25
400	220	227LMX400M2BH	1.5071	1.14	22x50
400	220	227LMX400M2CF	1.5071	1.11	25x40
400	220	227LMX400M2CH	1.5071	1.22	25x50
400	220	227LMX400M2DD	1.5071	1.09	30x30
400	220	227LMX400M2DE	1.5071	1.16	30x35
400	220	227LMX400M2ED	1.5071	1.2	35x30
400	270	277LMX400M2CG	1.228	1.29	25x45
400	270	277LMX400M2CH	1.228	1.35	25x50
400	270	277LMX400M2DE	1.228	1.29	30x35
400	270	277LMX400M2DG	1.228	1.43	30x45
400	270	277LMX400M2ED	1.228	1.33	35x30
400	270	277LMX400M2EE	1.228	1.41	35x35
400	330	337LMX400M2DF	1.0048	1.51	30x40
400	330	337LMX400M2DG	1.0048	1.55	30x45
400	330	337LMX400M2DH	1.0048	1.66	30x50
400	330	337LMX400M2ED	1.0048	1.52	35x30
400	330	337LMX400M2EE	1.0048	1.56	35x35
400	330	337LMX400M2EF	1.0048	1.65	35x40
400	390	397LMX400M2DG	1.0048	1.72	30x45
400	390	397LMX400M2EE	1.0048	1.7	35x35
400	390	397LMX400M2EG	1.0048	1.88	35x45
400	470	477LMX400M2DH	0.7055	1.9	30x50
400	470	477LMX400M2EF	0.7055	1.97	35x40
400	470	477LMX400M2EH	0.7055	2.16	35x50
400	560	567LMX400M2EG	0.3657	2.26	35x45
400	680	687LMX400M2EH	0.4876	2.39	35x50
450	47	476LMX450M2BC	7.0547	0.39	22x25
450	56	566LMX450M2BC	5.9209	0.42	22x25
450	56	566LMX450M2BD	5.9209	0.46	22x30
450	68	686LMX450M2BD	4.8761	0.5	22x30
450	68	686LMX450M2BE	4.8761	0.54	22x35
450	68	686LMX450M2CC	3.657	0.5	25x25
450	82	826LMX450M2BD	4.0436	0.55	22x30

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
450	82	826LMX450M2BE	4.0436	0.59	22x35
450	82	826LMX450M2CC	4.0436	0.55	25x25
450	82	826LMX450M2CD	4.0436	0.6	25x30
450	100	107LMX450M2BE	3.3157	0.65	22x35
450	100	107LMX450M2BF	3.3157	0.69	22x40
450	100	107LMX450M2CD	3.3157	0.66	25x30
450	100	107LMX450M2CE	3.3157	0.7	25x35
450	100	107LMX450M2DC	3.3157	0.68	30x25
450	120	127LMX450M2BF	2.7631	0.76	22x40
450	120	127LMX450M2BH	2.7631	0.84	22x50
450	120	127LMX450M2CE	2.7631	0.77	25x35
450	120	127LMX450M2CF	2.7631	0.81	25x40
450	120	127LMX450M2DC	2.7631	0.75	30x25
450	120	127LMX450M2DD	2.7631	0.8	30x30
450	120	127LMX450M2EC	2.7631	0.82	35x25
450	150	157LMX450M2BG	2.2105	0.93	22x45
450	150	157LMX450M2BH	2.2105	0.94	22x50
450	150	157LMX450M2CE	2.2105	0.94	25x35
450	150	157LMX450M2CF	2.2105	0.91	25x40
450	150	157LMX450M2CG	2.2105	0.96	25x45
450	150	157LMX450M2DD	2.2105	0.9	30x30
450	150	157LMX450M2DE	2.2105	0.96	30x35
450	150	157LMX450M2ED	2.2105	0.99	35x30
450	180	187LMX450M2BH	1.8421	0.97	22x50
450	180	187LMX450M2CF	1.8421	0.95	25x40
450	180	187LMX450M2CG	1.8421	1.05	25x45
450	180	187LMX450M2DD	1.8421	0.93	30x30
450	180	187LMX450M2DE	1.8421	1.05	30x35
450	180	187LMX450M2DF	1.8421	1.11	30x40
450	180	187LMX450M2EC	1.8421	0.96	35x25
450	180	187LMX450M2ED	1.8421	1.08	35x30
450	220	227LMX450M2CG	1.5071	1.16	25x45
450	220	227LMX450M2DE	1.5071	1.17	30x35
450	220	227LMX450M2DF	1.5071	1.22	30x40
450	220	227LMX450M2DG	1.5071	1.29	30x45
450	220	227LMX450M2ED	1.5071	1.19	35x30
450	220	227LMX450M2EE	1.5071	1.27	35x35
450	270	277LMX450M2CH	1.228	1.31	25x50
450	270	277LMX450M2DF	1.228	1.33	30x40
450	270	277LMX450M2DG	1.228	1.43	30x45
450	270	277LMX450M2DH	1.228	1.49	30x50
450	270	277LMX450M2ED	1.228	1.39	35x30
450	270	277LMX450M2EE	1.228	1.41	35x35
450	270	277LMX450M2EF	1.228	1.48	35x40
450	330	337LMX450M2DG	1.0048	1.58	30x45
450	330	337LMX450M2DH	1.0048	1.65	30x50
450	330	337LMX450M2EE	1.0048	1.58	35x35
450	330	337LMX450M2EF	1.0048	1.64	35x40
450	330	337LMX450M2EG	1.0048	1.72	35x45
450	390	397LMX450M2DH	1.0048	1.73	30x50
450	390	397LMX450M2EE	1.0048	1.71	35x35
450	390	397LMX450M2EF	1.0048	1.73	35x40
450	390	397LMX450M2EG	1.0048	1.87	35x45
450	470	477LMX450M2EH	0.7055	1.98	35x50

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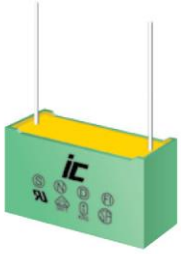
MKP

Boxed Metallized Polypropylene Film Capacitors

Class X2 EMI/RFI



FEATURES	Small Size – Safety Agency Approved – Metalized Polypropylene
APPLICATIONS	EMI filters – Across the Line (Not for use in Series with Mains; See MPXB)

Operating Temperature Range	-40°C to +110°C			
Capacitance Tolerance	±10% at 1 kHz, 20°C			
AC voltage (50/60 Hz)	**UL/CSA**	**ENEC**	**CQC**	
	250/275/310	250/275/310	310	
Dissipation Factor at 1 kHz and 20°C	Tan δ			
	.1% Max			
Insulation Resistance @20°C (<70% RH)for 1 minute at 100VDC applied	**Capacitance**	**Terminal to Terminal**	**Terminal to Case**	
	≤0.33uF	15000 MΩ	>30000 MΩ at 100VDC >5000 MΩ at 500VDC	
	>0.33uF	5000 MΩxuF	>30000 MΩ at 100VDC >5000 MΩ at 500VDC	
Self Inductance	≤1 nano-Henry per mm of lead spacing			
Dielectric Strength	**Terminal to Terminal**	1333VDC (4.3*310) VDC applied for 60 seconds Cut-off current: 10mAdc Current limiting resistance: 1Ω/V		
	Terminal to case	2050VDC (50/60 Hz) applied between the terminals and case for 60 Seconds and 20°C		
Life Expectancy	**1000 hours at 110°C at 125% of rated voltage with once every hour the voltage is increased to 1000 VAC for 0.1 seconds**			
	Capacitance change	≤10% of initially measured value		
	Dissipation Factor	≤0.8% at 1kHz		
	Insulation Resistance	≥50% of initially specified value (T-T)		
Humidity test	**56 days at 90 to 95% RH, 40C**			
	Capacitance change	≤10% of initially measured value		
	Dissipation Factor	≤0.8% at 1kHz		
	Insulation Resistance	≥50% of initially specified value (T-T)		
Impulse voltage (24 pulses)	C≤ 1uF Vp=2.5kVDC C> 1uF Vp=2.5kV √C			
Capacitance temperature coefficient	-200ppm/°C, ±100ppm/°C			
Construction	Metallized Polypropylene film			
Electrodes	Vacuum deposited Metal layers			
Coating	Flame retardant Solvent resistant plastic case with epoxy end fill (UL94V-0)			
Lead terminations	Lead Free Tinned Leads			

Special Order Options

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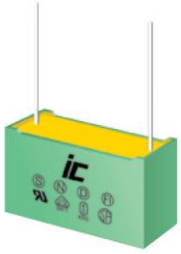
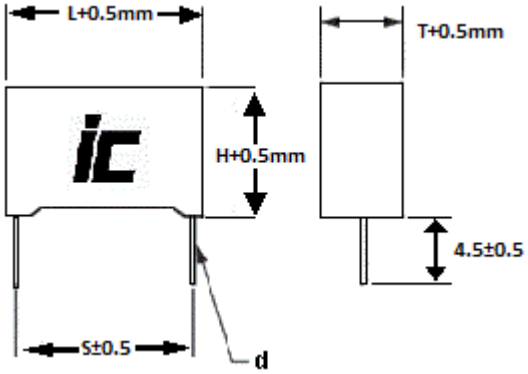
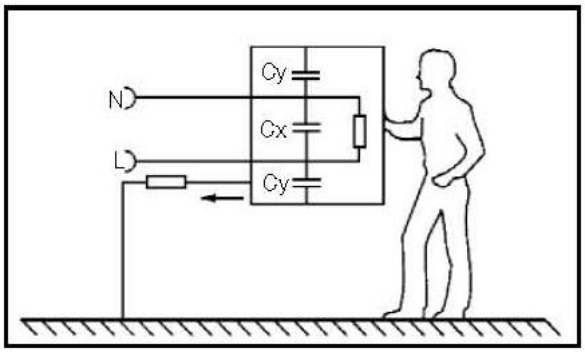
Class X2 EMI/RFI





All Dimensions in (mm)
***17mm lead length available upon request**



X capacitors are used to suppress electrical noise by reducing the input impedance of the device incorporating the capacitor.
X capacitors are connected across the supply line where failure of the capacitor will not result in personal exposure to electrical shock.
X2 capacitors are to be used in applications where the peak voltage is ≤1200V.

Safety agency	Standard	Voltage	Class	Certificate number
UL/CSA	ANSI/UL 60384-14	250/275/310	FOWX2	E317135
	CSA E60384-1	250/275/310	FOWX8	1041922
VDE/ENEC	DIN EN60384-14 (VDE 0565-1-1):2014-04; EN60384-14:2013-08 DIN EN60384-14/A1 (VDE 0565-1-1/A1):2017-04; EN60384-14:2013/A1:2016 IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	250/275/310	X2	40040758
CQC	GB/T14472-1998	310	X2	CQC14001115428

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MKP

Class X2

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
0.0047	472MKP275KC	500	10x8x4	7.5	0.6
0.0047	472MKP275K	400	13x10x5	10	0.6
0.0056	562MKP275KC	500	10x8x4	7.5	0.6
0.0056	562MKP275KD	400	13x9x4	10	0.6
0.0068	682MKP275KC	500	10x8x4	7.5	0.6
0.0068	682MKP275K	400	13x9x4	10	0.6
0.0082	822MKP275KC	500	10x8x4	7.5	0.6
0.0082	822MKP275KD	400	13x9x4	10	0.6
0.01	103MKP275KC	500	10x8x4	7.5	0.6
0.01	103MKP275K	400	13x9x4	10	0.6
0.01	103MKP275KE	400	18x8x4	15	0.6
0.015	153MKP275KC	500	10x8x4	7.5	0.6
0.015	153MKP275K	400	13x9x4	10	0.6
0.015	153MKP275KE	400	18x8x4	15	0.6
0.022	223MKP275KCG5	500	10x8x4	7.5	0.6
0.022	223MKP275KC	500	10x9x4	7.5	0.6
0.022	223MKP275K	400	13x9x4	10	0.6
0.022	223MKP275KB	400	18x9x4	15	0.6
0.033	333MKP275KCG4	500	10x10x5	7.5	0.6
0.033	333MKP275KC	500	10x9x5	7.5	0.6
0.033	333MKP275K	400	13x9x4	10	0.6
0.033	333MKP275KE	400	18x9x14	15	0.8
0.047	473MKP275KC	500	10x10x5	7.5	0.6
0.047	473MKP275KD	400	13x9x4	10	0.6
0.047	473MKP275K	400	18x9x4	15	0.6
0.056	563MKP275KC	500	10x11x5	7.5	0.6
0.056	563MKP275KD	400	13x9.5x4.5	10	0.6
0.056	563MKP275KE	400	18x9x4	15	0.6
0.068	683MKP275KC	500	10x12x6	7.5	0.6
0.068	683MKP275KD	400	13x10x5	10	0.6
0.068	683MKP275K	400	18x10x4	15	0.6
0.082	823MKP275KC	500	10x12x6	7.5	0.6
0.082	823MKP275KD	400	13x11x5	10	0.6
0.082	823MKP275KE	400	18x10x5	15	0.8
0.1	104MKP275KC	500	10x13x7	7.5	0.6
0.1	104MKP275KD	400	13x11x5	10	0.6
0.1	104MKP275K	400	18x11x5	15	0.8
0.1	104MKP275KG5	400	18x10.5x5	15	0.8
0.12	124MKP275KD	400	13x12x6	10	0.6
0.12	124MKP275KE	400	18x10x5	15	0.8
0.15	154MKP275KD	400	13x12x7	10	0.6
0.15	154MKP275KA	350	15x11.5x6	12.5	0.8
0.15	154MKP275KE	400	18x10.5x5	15	0.8
0.15	154MKP275K	180	26x14.5x6	22.5	0.8
0.22	224MKP275KD	400	13x14x8	10	0.6
0.22	224MKP275KA	350	15x12.5x7	12.5	0.8
0.22	224MKP275KBG4	400	18x13x7	15	0.8
0.22	224MKP275KB	400	18x11.5x6	15	0.8

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
0.22	224MKP275K	180	26x14.5x6	22.5	0.8
0.33	334MKP275KA	350	15x14x8.5	12.5	0.8
0.33	334MKP275KE	400	18x13x7	15	0.8
0.33	334MKP275K	180	26x12x6	22.5	0.8
0.39	394MKP275KA	350	15x15x9	12.5	0.8
0.39	394MKP275KE	400	18x13.5x7.5	15	0.8
0.39	394MKP275KG	180	26x12x6	22.5	0.8
0.47	474MKP275KA	350	15x16x10	12.5	0.8
0.47	474MKP275KE	400	18x13.2x7.2	15	0.8
0.47	474MKP275KBG5	180	26x14.2x6	22.5	0.8
0.47	474MKP275KB	180	26x16.5x7.5	22.5	0.8
0.47	474MKP275K	120	31x13.5x6	27.5	0.8
0.47	474MKP275KG4	120	32x18x9	27.5	0.8
0.56	564MKP275KE	400	18x15x9	15	0.8
0.56	564MKP275KG	180	26x14x7	22.5	0.8
0.56	564MKP275KH	120	31x14x6.5	27.5	0.8
0.68	684MKP275KE	400	18x16x10	15	0.8
0.68	684MKP275KG	180	26x17x8	22.5	0.8
0.68	684MKP275K	120	31x15.5x6.5	27.5	0.8
0.82	824MKP275KE	400	18x17.5x10	15	0.8
0.82	824MKP275KG	180	26x16x8	22.5	0.8
0.82	824MKP275KH	120	31x16x7.5	27.5	0.8
1	105MKP275KE	400	18x18.5x11	15	0.8
1	105MKP275KG	180	26x17x9	22.5	0.8
1	105MKP275KGG4	180	26x19x10	22.5	0.8
1	105MKP275K	120	31x17x8	27.5	0.8
1.2	125MKP275KG	180	26x19.5x9	22.5	0.8
1.2	125MKP275KH	120	31x17.5x9	27.5	0.8
1.5	155MKP275KG	180	26x21x10	22.5	0.8
1.5	155MKP275K	120	31x18.5x10	27.5	0.8
1.8	185MKP275KG	180	26x23x12.5	22.5	0.8
1.8	185MKP275KH	120	31x20.5x12	27.5	0.8
2.2	225MKP275KGE	180	26x22x15	22.5	0.8
2.2	225MKP275KG	180	26x24x13.5	22.5	0.8
2.2	225MKP275KG5	120	31x22x13	27.5	0.8
2.2	225MKP275K	120	31x26x18	27.5	0.8
3.3	335MKP275KHF	120	31x26x17.5	27.5	0.8
3.3	335MKP275KH	120	31x29x15.5	27.5	0.8
3.3	335MKP275KJ	100	41.5x26x14.5	37.5	1
3.9	395MKP275KH	120	31x28x19	27.5	0.8
4.7	475MKP275KH	120	31x30.5x20	27.5	0.8
4.7	475MKP275KHG	120	31x32.5x19	27.5	0.8
4.7	475MKP275KJ	100	41.5x30x17	37.5	1
5.6	565MKP275KH	120	31x34.5x21	27.5	0.8
6.8	685MKP275KJ	100	41.5x35.5x22.5	37.5	1
8.2	825MKP275KJ	100	41.5x38x25	37.5	1
10	106MKP275KJ	100	41.5x41x27.5	37.5	1

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MPX

Boxed Metallized Polypropylene Film Capacitors

CLASS X2 - 85/85 - THB

FEATURES	85/85 THB – Safety Agency Approved Met alized Polypropylene
APPLICATIONS	**MPX** for X2, Across the Line **MPXB** for capacitors connected in series across the Mains EMI Filters – Outdoor Applications

Operating Temperature Range	-40°C to +110°C			
Capacitance Tolerance	±10% or ±20% at 1 kHz, 25°C			
AC voltage (50/60 Hz)	**UL/CSA**	**ENEC**	**CQC**	
	275/305	275/305	305	
Dissipation Factor at 1 kHz and 25°C	**Tan δ**			
	0.01uF≤Cn≤1.0 uF	≤0.1%		
	1.0uF<Cn≤10.0 uF	≤0.3%		
	Cn>10.0 uF	≤0.4%		
Insulation Resistance @25°C (<70% RH) for 1 minute at 100VDC applied	**Capacitance**	**Terminal to Terminal**	**Terminal to Case**	
	≤0.33uF	15,000 MΩ	>30000 MΩ at 100VDC >5000 MΩ at 500VDC	
	>0.33uF	5,000 MΩxuF	>30000 MΩ at 100VDC >5000 MΩ at 500VDC	
Self-Inductance	≤1 nano-Henry per mm of lead spacing and lead length			
Dielectric Strength	**Terminal to Terminal**	1312 VDC applied for 60 seconds or 2000 VDC applied for 2 seconds Cut-off current: 2A ac or 10mAdc Current limiting resistance: 1Ω/V		
	Terminal to case	2050VDC (50/60 Hz) applied between the terminals and case for 60 Seconds and 25°C		
Life Expectancy	**100,000 hours at Un @Hot-Spot temperature T=85**°C			
	Capacitance change	≤10% of initially measured value		
	Dissipation Factor	≤1.0% at 1kHz		
	Insulation Resistance	≥100% of initially specified value (T-T) ≥3000 MΩ (Terminal to case)		
Humidity test	Temperature: 85°C + 2°C; Humidity: 85% + 2% Loading Voltage: 240Vac (50Hz/60Hz) Duration: 1000 hours			
	Capacitance change	≤10% of initially measured value		
	Dissipation Factor	≤1.0% at 1kHz		
	Insulation Resistance	≥50% of initially specified value (T-T) ≥15000 MΩ (Terminal to case)		
Impulse voltage (24 pulses)	C≤ 1uF Vp=2.5kVDC C> 1uF Vp=2.5kV √C			
Capacitance temperature coefficient	-200ppm/°C, ±100ppm/°C			
Construction	Metallized Polypropylene film			
Electrodes	Vacuum deposited Metal layers			
Coating	Flame retardant Solvent resistant plastic case with epoxy end fill (UL94V-0)			
Lead terminations	Lead Free Tinned Leads			

Special Order Options

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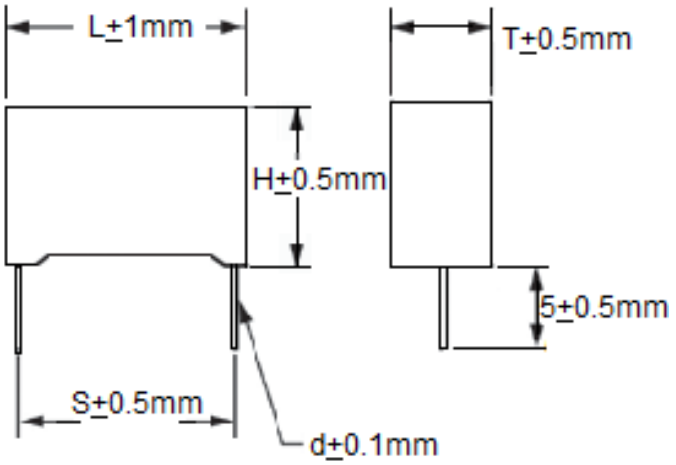
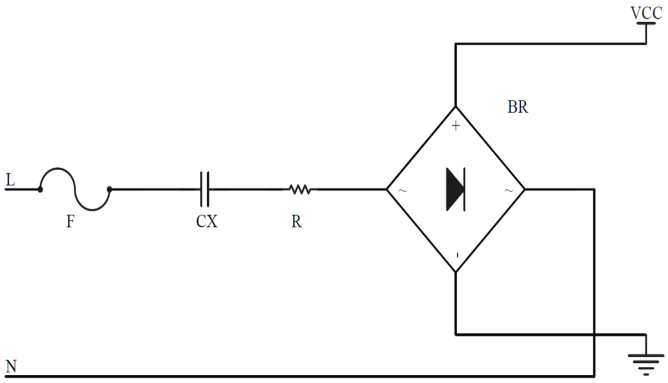
MPX

Boxed Metallized Polypropylene Film Capacitors

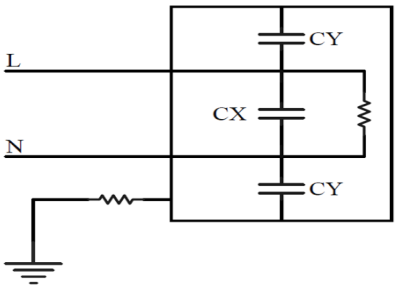
CLASS X2 - 85/85 - THB



All dimensions in (mm)
***17mm lead length available upon request**



MPXB Series
In Series with Mains: 85/85 THB



MPX Series
Standard 85/85 X2 circuit

Safety agency	Standard	Voltage	Class	Certificate number
UL/CSA	UL 60384-14(.0047 to 46uF)	275/305	FOWX2*/FOWX8*	E317135
ENEC (VDE)	DIN EN60384-14 (VDE 0565-1-1):2014-04; EN60384-14:2013-08 DIN EN60384-14/A1 (VDE 0565-1-1/A1):2017-04; EN60384-14:2013/A1:2016 IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	275/305	X2	40046436
		275/305		40046436
CQC	GB/T14472-1998	275	X2	
	GB/T14472-1998 (.0047 to 46uF)	305		

*Antenna coupling, Line bypass, across the line
^Electromagnetic interference filter

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MPX

Class X2 85/85 THB

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
0.01	MPX103K305D	500	13x11x5	10	0.6
0.022	MPX223K305D	500	13x11x5	10	0.6
0.033	MPX333K305D	500	13x11x5	10	0.6
0.047	MPX473K305D	500	13x12x6	10	0.6
0.047	MPX473K305E	400	18x12x6	15	0.6
0.068	MPX683K305D	500	13x12x6	10	0.6
0.068	MPX683K305E	400	18x12x6	15	0.6
0.082	MPX823K305D	500	13x12x6	10	0.6
0.082	MPX823K305E	400	18x12x6	15	0.6
0.1	MPX104K305D	500	13x12x6	10	0.6
0.1	MPX104K305E	400	18x12x6	15	0.6
0.15	MPX154K305D	500	13x14x8	10	0.6
0.15	MPX154K305E	400	18x12x6	15	0.6
0.22	MPX224K305E	400	18x14x8	15	0.8
0.22	MPX224K305G	200	26x16.5x7	22.5	0.8
0.27	MPX274K305E	400	18x14.5x8.5	15	0.8
0.27	MPX274K305G	200	26x16.5x7	22.5	0.8
0.33	MPX334K305E	400	18x16x10	15	0.8
0.33	MPX334K305G	200	26x17x8.5	22.5	0.8
0.47	MPX474K305E	400	18x19x11	15	0.8
0.47	MPX474K305G	200	26x19x10	22.5	0.8
0.56	MPX564K305E	400	18x19x11	15	0.8
0.56	MPX564K305G	200	26x19x10	22.5	0.8
0.68	MPX684K305E	400	18x22x12.5	15	0.8
0.68	MPX684K305G	200	26x20x11	22.5	0.8
0.82	MPX824K305E	400	18x22x12.5	15	0.8

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
0.82	MPX824K305G	200	26x20x11	22.5	0.8
1	MPX105K305G	200	26x22x12	22.5	0.8
1	MPX105K305H	150	32x20x11	27.5	0.8
1.2	MPX125K305G	200	26x23x13	22.5	0.8
1.2	MPX125K305H	150	32x22x13	27.5	0.8
1.5	MPX155K305G	200	26x24x14	22.5	0.8
1.5	MPX155K305H	130	32x22x13	27.5	0.8
2.2	MPX225K305H	150	32x28x14	27.5	0.8
3.3	MPX335K305H	150	32x33x18	27.5	0.8
4.7	MPX475K305H	150	32x37x22	27.5	0.8
4.7	MPX475K305N	100	42.5x32x19	37.5	1
6.8	MPX685K305N	100	42.5x44x24	37.5	1
10	MPX106K305N	100	42.5x45x30	37.5	1
12	MPX126K305N	100	42.5x45x30	37.5	1
12	MPX126K305R	100	57.5x45x30	52.5	1.2
15	MPX156K305N	100	42.5x45x30	37.5	1
15	MPX156K305R	100	57.5x45x30	52.5	1.2
18	MPX186K305R	100	57.5x45x30	52.5	1.2
20	MPX206K305R	100	57.5x45x30	52.5	1.2
22	MPX226K305R	100	57.5x45x30	52.5	1.2
25	MPX256K305R	100	57.5x45x30	52.5	1.2
30	MPX306K305R	100	57.5x45x30	52.5	1.2
33	MPX336K305R	100	57.5x50x35	52.5	1.2
39	MPX396K305R	100	57.5x50x35	52.5	1.2
45	MPX456K305R	100	57.5x53x50	52.5	1.2
45	MPX456K305RB	100	57.5x60x45	52.5	1.2

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MPXB

Capacitive Divider 85/85 THB X2

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
0.1	MPXB104K305E	400	18x13.5x7.5	15	0.8
0.15	MPXB154K305E	400	18x14.5x8.5	15	0.8
0.22	MPXB224K305E	400	18x16x10	15	0.8
0.33	MPXB334K305E	400	18x19x11	15	0.8
0.47	MPXB474K305G	200	26x20x11	22.5	0.8
0.56	MPXB564K305G	200	26x20x11	22.5	0.8
0.68	MPXB684K305G	200	26x22x12	22.5	0.8
0.82	MPXB824K305G	200	26x22x12	22.5	0.8

Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
1	MPXB105K305G	200	26x23x13	22.5	0.8
1	MPXB105K305H	100	32x22x13	27.5	0.8
1.2	MPXB125K305H	100	32x28x14	27.5	0.8
1.5	MPXB155K305H	100	32x28x14	27.5	0.8
1.8	MPXB185K305H	100	32x33x18	27.5	0.8
2	MPXB205K305H	100	32x33x18	27.5	0.8
2.2	MPXB225K305H	100	32x33x18	27.5	0.8

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MHBS
Boxed Metallized Polypropylene Film

FEATURES	Small size - High voltage – High Capacitance
APPLICATIONS	UPS – DC link – AC/DC motor controls – Power inverters

Operating Temperature Range			**-40°C to +100°C** Above +85°C applied voltage must be de-rated by 1.5%/°C							
Capacitance Tolerance			±10% at 1 kHz, 25°C ±5% optional							
Surge Voltage	**VDC**	**Code**	**A35**	**A40**	**A45**	**A50**	**A55**	**A60**	**A70**	
		85°C	**575**	**700**	**800**	**900**	**1000**	**1100**	**1275**	
		70°C	630	770	880	1000	1100	1200	1400	
	Repetitive SVDC	**85°C**	660	805	920	1035	1150	1265	1465	
		70°C	720	885	1010	1150	1265	1380	1610	
	Non-repetitive SVDC	**85°C**	750	910	1040	1170	1300	1430	1655	
		70°C	815	1000	1140	1300	1430	1560	1820	
			Repetitive SVDC: Maximum repetitive voltage for 1 hour Max/Day							
AC Voltage	**Code**		**A35**	**A40**	**A45**	**A50**	**A55**	**A60**	**A70**	
	VDC		**575**	**700**	**800**	**900**	**1000**	**1100**	**1275**	
	VAC	**85°C**	240	285	315	350	400	420	440	
		70°C	250	300	330	370	420	440	460	

Dissipation Factor (MAX) Tan δ (%) at 1 kHz and 25°C	**C≤ 4µF**	**4µF<C≤12µF**	**12µF<C≤20µF**	**20µF<C≤40µF**	**40µF<C≤75µF**	**C>75µF**
	.06	.08	.11	.14	.17	.2

ESR (mΩ)	**Lead spacing (mm)**	**Frequency range**	**ESR Value**
	27.5	10kHz - 60kHz	See standard part listing
	37.5	10kHz - 45 kHz	See standard part listing
	52.5	10kHz - 30 kHz	See standard part listing

RMS Current	No RMS current is to be applied at temperatures > +95°C	
Ripple Current	See standard part listing, No ripple current is to be applied when the ambient temperature is≥+95°C	
Insulation Resistance	3000 MΩxuF (10000 MΩxuF typical) "Not to exceed 3GΩ" After 1 minute of 100VDC applied between the terminals at 25°C	
Self Inductance	<1 nano-Henry per mm of lead spacing and lead length	
Long Term Stability	Capacitance variation <1% MAX after 2 years	
Dielectric Strength	**Terminal to Terminal**	**Terminal to case**
	150% of VDC or 150% of VAC applied for 10 Seconds and 25°C	3KVAC at 50/60 Hz applied between the terminals and case for 60 Seconds and 25°C

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Boxed Metallized Polypropylene Film

Life Expectancy	≥60000 with VAC, ≥200000 With WVDC applied at +70°C ≥30000 with VAC, ≥100000 With WVDC applied at +85°C ≥10000 with 0.8xVAC, ≥30000 With 0.8xWVDC applied at +100°C		
Failure Quota	300/billion component hours		
Damp Heat Test	**Test Condition**	**Performance requirements**	
	Temperature= +40°C ±2°C	**Max Capacitance change**	≤ ±3%% of initially measured valued
	Relative Humidity=93 ±2%	**DF Change**	≤ 200% of initially specified valued
	Test length= 56 days	**Insulation resistance**	≥ 50% of minimum specified value
Resistance to soldering Heat **Solder bath temperature: +260°C +/- 5°C** **Exposure time: 10 seconds +/- 1 second**	**Max Capacitance change**	≤1% of initially measured value	
	DF Change	≤ .1% at 1kHz	
	Insulation resistance	≥50% of minimum specified value	
Construction	Metallized Polypropylene film		
Electrodes	Vacuum deposited Metal layers		
Coating	Flame retardant Solvent resistant plastic case with epoxy end fill		
Lead Terminations	Lead free tinned copper leads		

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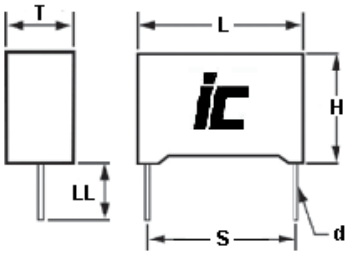
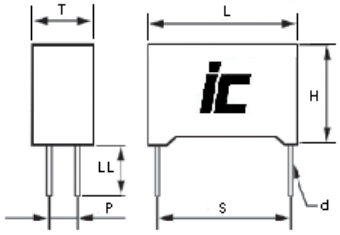
Boxed Metallized Polypropylene Film

Lead styles



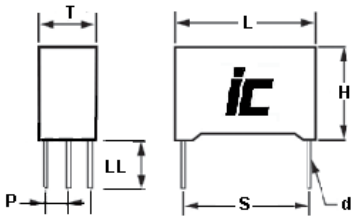
2 leads

Length (L)	32	41.5	42.5	57.5
Lead spacing (S)	27.5	37.5	37.5	52.5
Lead Length (LL)	5mm +/-1 mm			



4 leads

Length (L)	32	41.5	42.5	57.5
Lead spacing (S)	27.5	37.5	37.5	52.5
Lead Spacing (P)	See part listing			
Lead Length (LL)	5mm +/-1 mm			



6 leads

Length (L)	32	41.5	42.5	57.5
Lead spacing (S)	27.5	37.5	37.5	52.5
Lead Spacing (P)	See part listing			
Lead Length (LL)	5mm +/-1 mm			

Dimensions in mm

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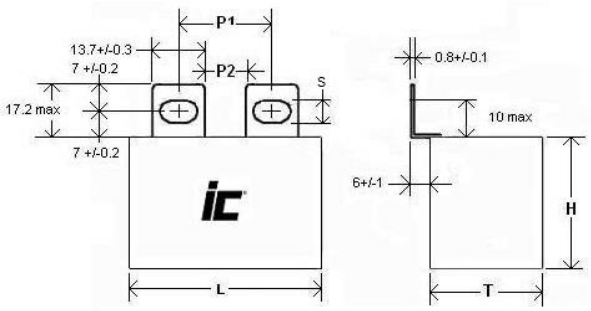
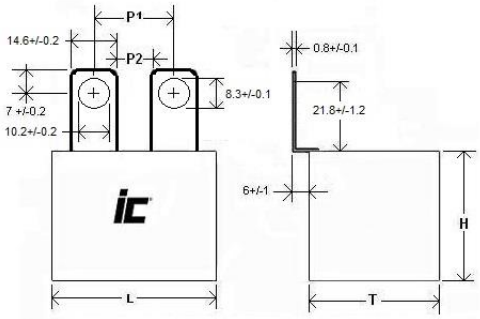
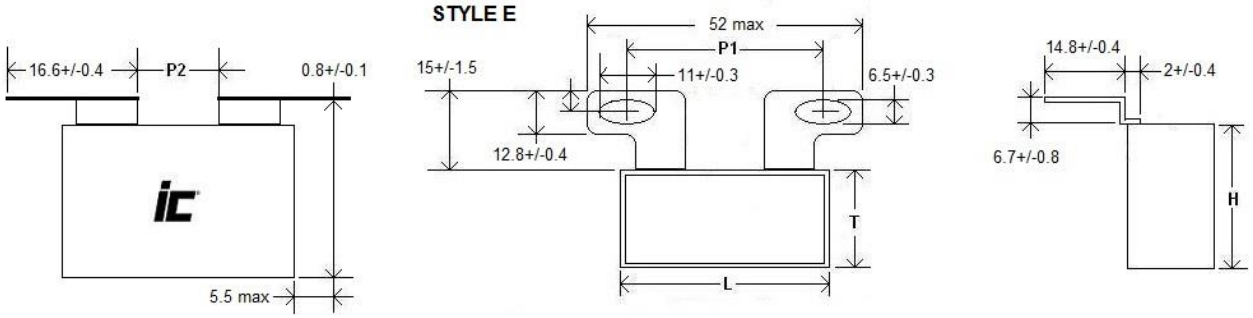
STYLE S, SM8, T ,TM8



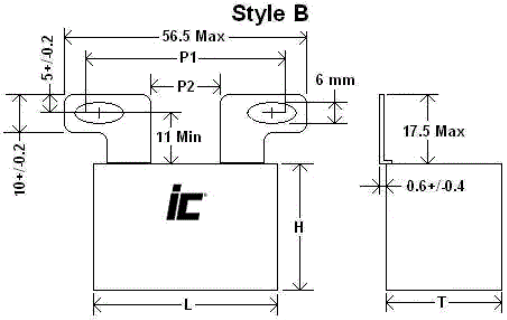
STYLE L



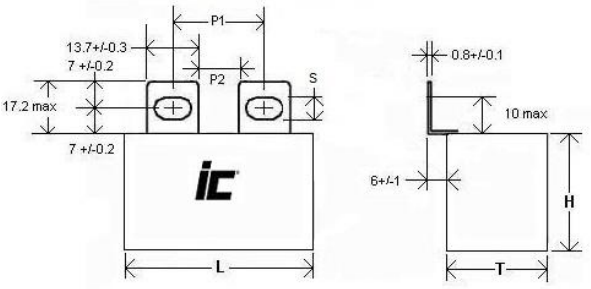
STYLE E



Style B



STYLE F, FM8, G, GM8



Fixing pitch and distance between lugs (mm)				
Lugs	L	P1	P2	S
S,V,F	42 - 42.5	23 - 28	11	6
	57.5	37 - 42	24	6
SM8,VM8, FM8	42 - 42.5	25 – 26	11	8
	57.5	39 - 40	24	8
T,W,G	42 - 42.5	20 – 25	8	6
	57.5	34 – 39	21	6
TM8,WM8,GM8	42 - 42.5	22 – 23	8	8
	57.5	36 – 37	21	8
N,P	57.5	23 – 28	11	6
NM8, PM8	57.5	25 - 26	11	8
A	42 - 42.5	51 – 64	----	8
	57.5	65 – 78	---	8
B	42 - 42.5	32 – 45	17	6
E	42 - 42.5	30 - 37	15	6
L	42 - 42.5	22 - 24	8	6
	57.5	36 - 38	21	8

Dimensions in mm

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MHBS

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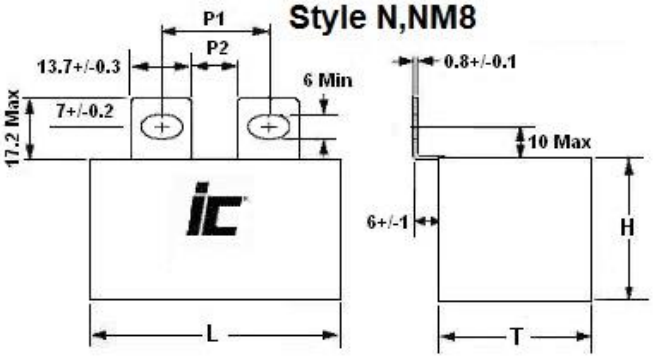
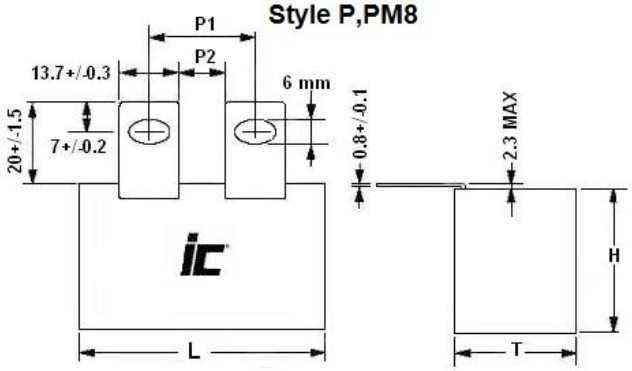
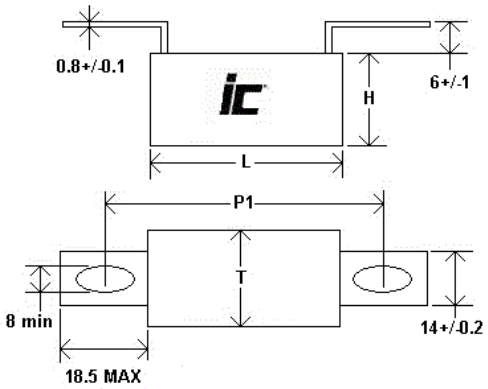
Style N,NM8



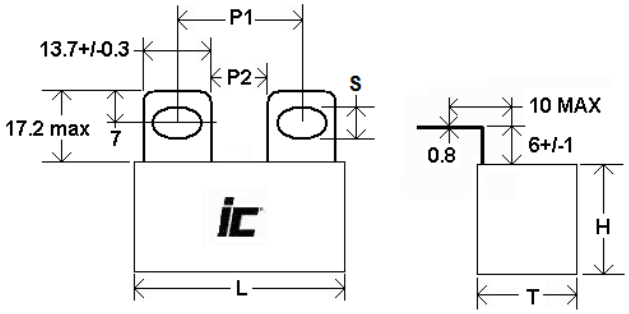
Style P,PM8



Style A



STYLE V, VM8, W, WM8



Dimensions in mm

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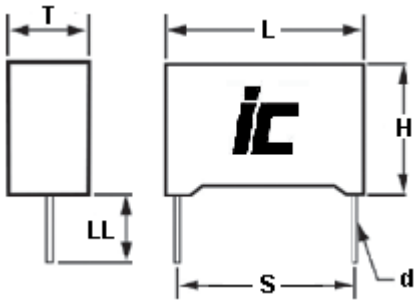
DCB

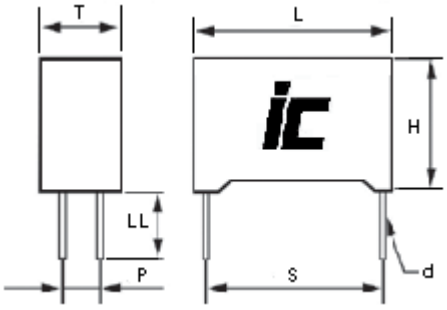
Metallized Polypropylene Film Capacitors

Radial Leaded

FEATURES	Small Size - High Voltage - General Purpose
APPLICATIONS	Inverters – DC link – AC/DC Motor Controls – Solar Inverters

Operating Temperature Range		**-40°C to +85°C**				
Capacitance Tolerance		±10% at 1 kHz, 20°C ±5% optional				
Surge Voltage	**WVDC**	**450**	**700**	**900**	**1100**	
	SVDC	560	875	1125	1375	
Repetitive Surge Voltage		**1.15*WVDC (30 minutes MAXIMUM per day)**				
Dissipation Factor 1 kHz, +25C		**C≤20µF**	**20µF<C≤50µF**	**50µF<C≤75µF**	**C>75µF**	
		.2%	.3%	.37%	.45%	
Insulation Resistance @ 20°C (<70% RH) for 1 minute at 100VDC applied		**3000 Megohm x microfarad**				
Self Inductance		<1 nano-Henry per mm of lead spacing and lead length				
Dielectric Strength		**Terminal to Terminal**		**Terminal to Case**		
		150% of VDC applied between terminals for 10 Seconds and 25°C		3kVAC applied between terminals and case for 60 Seconds and 25°C		
Life Expectancy		>100,000 for WVDC at 70°C				
Failure Quota		300/1 x 10^9 component hours				
Construction		Metallized polypropylene film				
Coating		Flame retardant plastic box with epoxy end fill (UL94V-0)				
Lead Terminations		Lead free tinned copper leads (RoHS compliant)				





Lead Lengths (LL)

2 leaded capacitors: 5mm+/-1.0 mm
25 mm +/-5 mm (Optional)

4 leaded capacitors: 5.5 mm +/-1.5 mm

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DCB

2 or 4 Lead Box

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 10 kHz, +70°C	Typical ESR (mΩ) 10 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
450	25	256DCB450K2J	10	8	9.3	42.5x33.5x22	37.5	1.2		2
450	30	306DCB450K2J	10	10	8.3	41.5x40x20	37.5	1.2		2
450	40	406DCB450K2J	10	11	7.1	42.5x37x28	37.5	1.2		2
450	40	406DCB450K4J	10	13	6.4	42.5x37x28	37.5	1.2	10.2	4
450	50	506DCB450K4J	10	15	5.5	42.5x45x30	37.5	1.2	20.3	4
450	50	506DCB450K2J	10	13	6.3	42.5x45x30	37.5	1.2		2
450	70	706DCB450K2R	7	14	6	57.5x45x30	52.5	1.2		2
450	70	706DCB450K4R	7	16	5.3	57.5x45x30	52.5	1.2	20.3	4
450	100	107DCB450K4R	7	20	4.2	57.5x50x35	52.5	1.2	20.3	4
450	125	127DCB450K4R	7	22	3.7	57.5x57.5x38	52.5	1.2	20.3	4
700	12.5	126DCB700K2J	13	7.5	11	42.5x30x22	37.5	1.2		2
700	15	156DCB700K2J	13	8	9.5	42.5x33.5x22	37.5	1.2		2
700	15	156DCB700K4J	13	9.5	8.7	42.5x33.5x22	37.5	1.2	10.2	4
700	20	206DCB700K4J	13	12	7.1	42.5x37x28	37.5	1.2	10.2	4
700	20	206DCB700K2J	13	10	7.9	42.5x37x28	37.5	1.2		2
700	22	226DCB700K2J	13	11	7.5	42.5x37x28	37.5	1.2		2
700	22	226DCB700K4J	13	13	6.7	42.5x37x28	37.5	1.2	10.2	4
700	30	306DCB700K2J	13	13	6.3	42.5x45x30	37.5	1.2		2
700	30	306DCB700K4J	13	15	5.5	42.5x45x30	37.5	1.2	20.3	4
700	45	456DCB700K4R	10	16	5.7	57.5x45x30	52.5	1.2	20.3	4
700	45	456DCB700K2R	10	14	6.5	57.5x45x30	52.5	1.2		2
700	55	556DCB700K2R	10	14	5.7	57.5x50x30	52.5	1.2		2
700	55	556DCB700K4R	10	19	4.9	57.5x50x30	52.5	1.2	20.3	4
700	60	606DCB700K4R	10	20	4.7	57.5x50x35	52.5	1.2	20.3	4
700	60	606DCB700K2R	10	14	5.5	57.5x50x35	52.5	1.2	20.3	2
700	75	756DCB700K4R	10	21	4.3	57.5x57.5x38	52.5	1.2	20.3	4
900	10	106DCB900K2J	16	7.5	11	42.5x33.5x22	37.5	1.2		2
900	12	126DCB900K2J	16	9	9.7	41.5x40x20	37.5	1.2		2
900	12	126DCB900K4J	16	11	8.9	41.5x40x20	37.5	1.2	10.2	4
900	15	156DCB900K4J	16	12	7.7	42.5x37x28	37.5	1.2	10.2	4
900	15	156DCB900K2J	16	10	8.5	42.5x37x28	37.5	1.2		2
900	16	166DCB900K2J	16	11	8.2	41.5x44x24	37.5	1.2		2
900	16	166DCB900K4J	16	12.5	7.4	41.5x44x24	37.5	1.2	10.2	4
900	20	206DCB900K4J	16	14	6.4	42.5x45x30	37.5	1.2	20.3	4
900	20	206DCB900K2J	16	12	7.2	42.5x45x30	37.5	1.2		2
900	30	306DCB900K2R	11	13	7	57.5x45x30	52.5	1.2		2
900	30	306DCB900K4R	11	16	6.2	57.5x45x30	52.5	1.2	20.3	4
900	40	406DCB900K4R	11	19	5.2	57.5x50x35	52.5	1.2	20.3	4
900	40	406DCB900K2R	11	14	6	57.5x50x35	52.5	1.2		2
900	50	506DCB900K4R	7.5	21	4.6	57.5x57.5x38	52.5	1.2	20.3	4
1100	7.5	755DCB112K2J	20	7	12	42.5x33.5x22	37.5	1.2		2
1100	10	106DCB112K2J	20	9	9.8	42.5x37x28	37.5	1.2		2
1100	10	106DCB112K4J	20	11	8.9	42.5x37x28	37.5	1.2	10.2	4
1100	12.5	126DCB112K2J	20	11	8.5	42.5x45x30	37.5	1.2		2
1100	12.5	126DCB112K4J	20	12.5	7.7	42.5x45x30	37.5	1.2	20.3	4
1100	20	206DCB112K2R	13	12	8	57.5x45x30	52.5	1.2		2
1100	20	206DCB112K4R	13	14	7.2	57.5x45x30	52.5	1.2	20.3	4
1100	25	256DCB112K2R	13	14	7.1	57.5x50x35	52.5	1.2		2
1100	25	256DCB112K4R	13	16	6.3	57.5x50x35	52.5	1.2	20.3	4
1100	30	306DCB112K4R	13	17.5	5.9	57.5x57.5x38	52.5	1.2	20.3	4
1100	35	356DCB112K4R	13	19	5.4	57.5x57.5x38	52.5	1.2	20.3	4

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PHB

Metallized Polypropylene Film Capacitors

for Switching Circuits 2, 4 or 6 Leaded

FEATURES	High Current - High Voltage – Good Pulse Current Rating
APPLICATIONS	Resonant Circuits – Switching Power Supplies – Motor Speed Controls – Induction Heaters

Operating Temperature Range	**-40°C to +100°C**							
Capacitance Tolerance	±10% at 1 kHz, 25°C ±5% optional							
Non-Recurrent SVDC	**WVDC**	**250**	**330**	**400**	**600**	**700**	**850**	
	SVDC	400	500	600	800	1000	1200	
AC voltage (50/60 Hz)	**WVDC**	**250**	**330**	**400**	**600**	**700**	**850**	
	VAC	160	220	275	350	400	500	
	For T>+85°C , The voltage (DC/AC)must be decreased by (1.5/2.5)% per °C							
Dissipation Factor (MAX) 25°C	**Frequency (kHz)**	**C≤5uF**		**5<C≤25uF**		**C>25uF**		
	1	0.05%		0.08%		0.1%		
Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied	**Insulation Resistance**							
	30000 MΩxuF (not to exceed 30GΩ)							
Self Inductance	<1 nano-Henry per mm of lead spacing							
Capacitance Drift Factor	<0.5% after 2 years at 40°C							
Life Expectancy	100000 Hours @WVDC 30000 Hours @ VAC							
	Capacitance Change	≤3% of initially measured value						
Failure quota	300/ Billion component hours							
Damp Heat test	**56 days at40°C with 90 to 95%RH, +40°C and no voltage applied**							
	Capacitance Change	≤2% of initially measured value						
	Dissipation Factor	≤0.001 at 1kHz and 25°C						
	Insulation Resistance	≥50% of maximum specified value						
Self Inductance	<1 nano-Henry per mm of lead spacing							
Capacitance Drift Factor	<0.5% after 2 years at 40°C							
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C							
Dielectric Strength	**Terminal to Terminal**					**Terminal to case**		
	160% of rated VDCApplied for 10 seconds or 150% VAC applied for 2 Seconds and 25°C					3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C		
Dielectric	Polypropylene							
Construction	Metallized film							
Coating	Flame Retardant plastic box with epoxy resin (UL94V-0)							
Leads	Lead free tinned copper leads							

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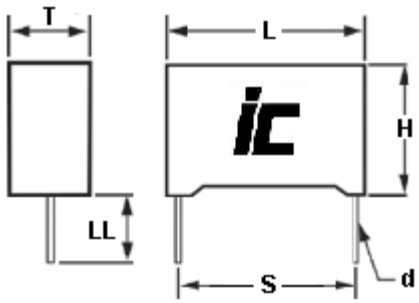
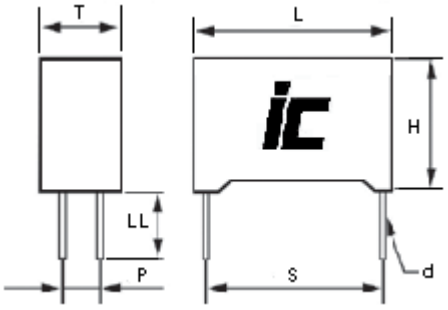
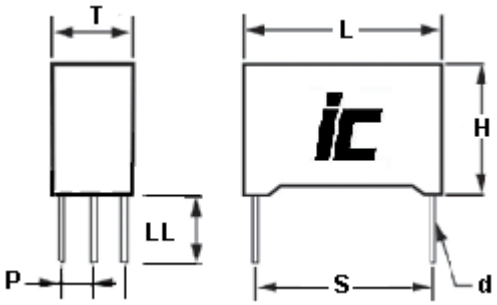


L	26.5	32	32	32	42.5	57.5
H	ALL	≤20	20<H≤24.5	>24.5	ALL	ALL
T	ALL	ALL	≤18	ALL	ALL	ALL
S	22.5	27.5	27.5	27.5	37.5	52.5
d	0.8	0.8	1.0	1.2	1.2	1.2



L	32	42.5	57.5
S	27.5	37.5	52.5
d	1.2	1.2	1.2



L	42.5	57.5
S	37.5	52.5
d	1.2	1.2

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Metallized Polypropylene, High Frequency radial lead box

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
250	1	105PHB250K2G	50	4.5	7.6	26.5x16x7	22.5	0.8		2
250	1.5	155PHB250K2G	50	6.5	6.1	26.5x17x8.5	22.5	0.8		2
250	1.5	155PHB250K2H	40	6.5	7.1	32x20x11	27.5	0.8		2
250	2	205PHB250K2G	50	7.5	5.3	26.5x20x11	22.5	0.8		2
250	2	205PHB250K2H	40	7	6.1	32x20x11	27.5	0.8		2
250	2.2	225PHB250K2G	50	7.5	5.1	26.5x20x11	22.5	0.8		2
250	2.2	225PHB250K2H	40	7	5.8	32x20x11	27.5	0.8		2
250	2.5	255PHB250K2H	40	8	5.4	32x20x11	27.5	0.8		2
250	3	305PHB250K2H	40	9	4.8	32x22x13	27.5	1		2
250	3.3	335PHB250K2H	40	9.5	4.3	32x22x13	27.5	1		2
250	4	405PHB250K2H	40	10.5	3.8	32x22x13	27.5	1		2
250	4.7	475PHB250K2H	40	12	3.5	32x28x14	27.5	1.2		2
250	4.7	475PHB250K4H	40	15	2.8	32x28x14	27.5	1.2	5.1	4
250	5	505PHB250K4H	40	15	2.7	32x28x14	27.5	1.2	5.1	4
250	5	505PHB250K2H	40	12	3.4	32x28x14	27.5	1.2		2
250	6.8	685PHB250K2H	40	14	3.1	32x33x18	27.5	1.2		2
250	6.8	685PHB250K4H	40	18	2.4	32x33x18	27.5	1.2	5.1	4
250	10	106PHB250K4H	40	20.5	1.9	32x33x18	27.5	1.2	10.2	4
250	10	106PHB250K2H	40	20.5	2.6	32x33x18	27.5	1.2		2
250	10	106PHB250K2J	25	14	3.6	42.5x28x17	37.5	1.2		2
250	15	156PHB250K2J	25	14	3.1	42.5x30x22	37.5	1.2		2
250	20	206PHB250K4J	25	24	2.1	42.5x37x28	37.5	1.2	10.2	4
250	20	206PHB250K2J	25	14	2.8	42.5x37x28	37.5	1.2		2
250	22	226PHB250K2J	25	14	2.8	42.5x37x28	37.5	1.2		2
250	22	226PHB250K4J	25	25	2.1	42.5x37x28	37.5	1.2	10.2	4
250	25	256PHB250K4J	25	26.5	1.9	42.5x37x28	37.5	1.2	20.3	4
250	25	256PHB250K2J	25	14	2.6	42.5x37x28	37.5	1.2		2
250	30	306PHB250K2J	25	14	2.6	42.5x45x30	37.5	1.2		2
250	30	306PHB250K4J	25	26.5	1.9	42.5x45x30	37.5	1.2	20.3	4
250	33	336PHB250K2J	25	14	2.4	42.5x45x30	37.5	1.2		2
250	33	336PHB250K4J	25	27	1.7	42.5x45x30	37.5	1.2	20.3	4
250	40	406PHB250K4R	15	26	2.6	57.5x45x30	52.5	1.2	20.3	4
250	40	406PHB250K2R	15	14	3.3	57.5x45x30	52.5	1.2		2
250	50	506PHB250K2R	15	14	3	57.5x50x35	52.5	1.2		2
250	50	506PHB250K4R	15	26.5	2.3	57.5x50x35	52.5	1.2	20.3	4
250	60	606PHB250K4R	15	27	2	57.5x50x35	52.5	1.2	20.3	4
250	60	606PHB250K2R	15	14	2.7	57.5x50x35	52.5	1.2		2
330	0.68	684PHB330K2G	60	5	8.9	26.5x16x7	22.5	0.8		2
330	1	105PHB330K2G	60	6.5	7	26.5x18.5x10	22.5	0.8		2
330	1.5	155PHB330K2H	45	7.5	6.1	32x20x11	27.5	0.8		2
330	2	205PHB330K2H	45	8.5	5.3	32x22x13	27.5	1		2
330	2.2	225PHB330K2H	45	9	5.1	32x22x13	27.5	1		2
330	2.5	255PHB330K2H	45	9.5	4.9	32x22x13	27.5	1		2
330	3	305PHB330K2H	45	10.5	4.3	32x24.5x15	27.5	1		2
330	3.3	335PHB330K2H	45	10.5	4.1	32x24.5x15	27.5	1		2
330	4.7	475PHB330K2H	45	14	3.4	32x33x18	27.5	1.2		2
330	4.7	475PHB330K4H	45	17	2.7	32x33x18	27.5	1.2	5.1	4
330	5	505PHB330K4H	45	17.5	2.6	32x33x18	27.5	1.2	5.1	4
330	5	505PHB330K2H	45	14	3.3	32x33x18	27.5	1.2		2
330	6.8	685PHB330K2H	45	14	2.8	32x37x22	27.5	1.2		2
330	6.8	685PHB330K4H	45	22	2.1	32x37x22	27.5	1.2	10.2	4
330	6.8	685PHB330K2J	30	14	3.7	42.5x28x17	37.5	1.2		2
330	15	156PHB330K2J	30	14	2.7	42.5x37x28	37.5	1.2		2
330	15	156PHB330K4J	30	26	2	42.5x37x28	37.5	1.2	10.2	4
330	20	206PHB330K2J	30	14	2.5	42.5x45x30	37.5	1.2		2
330	20	206PHB330K4J	30	27	1.8	42.5x45x30	37.5	1.2	20.3	4
330	25	256PHB330K4R	17	23	2.9	57.5x45x30	52.5	1.2	20.3	4
330	25	256PHB330K2R	17	14	3.6	57.5x45x30	52.5	1.2		2

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PHB

Metallized Polypropylene, High Frequency radial lead box

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
330	30	306PHB330K2R	17	14	3.4	57.5x45x30	52.5	1.2		2
330	30	306PHB330K4R	17	24.5	2.7	57.5x45x30	52.5	1.2	20.3	4
330	33	336PHB330K4R	17	26	2.6	57.5x50x35	52.5	1.2	20.3	4
330	33	336PHB330K2R	17	14	3.3	57.5x50x35	52.5	1.2		2
330	35	356PHB330K4R	17	22	2.6	57.5x50x35	52.5	1.2	20.3	4
330	35	356PHB330K2R	17	12	3.2	57.5x50x35	52.5	1.2		2
330	40	406PHB330K4R	17	27	2.4	57.5x50x35	52.5	1.2	20.3	4
330	40	406PHB330K2R	17	14	3.1	57.5x50x35	52.5	1.2		2
400	0.47	474PHB400K2G	75	4.5	8.6	26.5x16x7	22.5	0.8		2
400	0.68	684PHB400K2G	75	6.5	7.1	26.5x18.5x10	22.5	0.8		2
400	0.68	684PHB400K2H	55	6.5	8.8	32x20x11	27.5	0.8		2
400	1	105PHB400K2G	75	7.5	5.8	26.5x20x11	22.5	0.8		2
400	1	105PHB400K2H	55	7	6.7	32x20x11	27.5	0.8		2
400	1.5	155PHB400K2H	55	9	5.3	32x22x13	27.5	1		2
400	2	205PHB400K2H	55	10	4.7	32x24.5x15	27.5	1.2		2
400	2.2	225PHB400K2H	55	10.5	4.4	32x24.5x15	27.5	1.2		2
400	2.5	255PHB400K2H	55	11	4.2	32x24.5x15	27.5	1.2		2
400	3	305PHB400K2H	55	14	3.6	32x33x18	27.5	1.2		2
400	3	305PHB400K4H	55	17	2.9	32x33x18	27.5	1.2	5.1	4
400	3.3	335PHB400K4H	55	17.5	2.8	32x33x18	27.5	1.2	5.1	4
400	3.3	335PHB400K2H	55	14	3.5	32x33x18	27.5	1.2		2
400	4	405PHB400K2H	55	14	3.2	32x33x18	27.5	1.2		2
400	4	405PHB400K4H	55	18.5	2.5	32x33x18	27.5	1.2	10.2	4
400	4.7	475PHB400K2H	55	14	2.8	32x37x22	27.5	1.2		2
400	4.7	475PHB400K4H	55	21.5	2.1	32x37x22	27.5	1.2	10.2	4
400	4.7	475PHB400K2J	40	13.5	3.9	42.5x28x17	37.5	1.2		2
400	5	505PHB400K2H	55	14	2.8	32x37x22	27.5	1.2		2
400	5	505PHB400K4H	55	22	2.1	32x37x22	27.5	1.2	10.2	4
400	5	505PHB400K2J	40	14	3.7	42.5x30x22	37.5	1.2		2
400	6.8	685PHB400K2J	40	14	3.3	42.5x30x22	37.5	1.2		2
400	6.8	685PHB400K4J	40	19.5	2.6	42.5x37x28	37.5	1.2	10.2	4
400	10	106PHB400K4J	40	24.5	2.1	42.5x37x28	37.5	1.2	20.3	4
400	10	106PHB400K2J	40	14	2.8	42.5x37x28	37.5	1.2		2
400	15	156PHB400K2J	40	14	2.4	42.5x45x30	37.5	1.2		2
400	15	156PHB400K4J	40	27	1.7	42.5x45x30	37.5	1.2	20.3	4
400	20	206PHB400K4R	20	24.5	3	57.5x45x30	52.5	1.2	20.3	4
400	20	206PHB400K2R	20	14	3.7	57.5x45x30	52.5	1.2		2
400	22	226PHB400K2R	20	14	3.6	57.5x50x35	52.5	1.2		2
400	22	226PHB400K4R	20	25.5	2.9	57.5x50x35	52.5	1.2	20.3	4
400	25	256PHB400K4R	20	26	2.8	57.5x50x35	52.5	1.2	20.3	4
400	25	256PHB400K2R	20	14	3.4	57.5x50x35	52.5	1.2		2
600	0.22	224PHB600K2G	95	3.5	13	26.5x16x7	22.5	0.8		2
600	0.33	334PHB600K2G	95	5	9.5	26.5x17x8.5	22.5	0.8		2
600	0.47	474PHB600K2G	95	6	8.3	26.5x18.5x10	22.5	0.8		2
600	0.47	474PHB600K2H	75	6	10	32x20x11	27.5	0.8		2
600	0.68	684PHB600K2G	95	7	6.9	26.5x22x13	22.5	0.8		2
600	0.68	684PHB600K2H	75	7	7.6	32x20x11	27.5	0.8		2
600	1	105PHB600K2H	75	8.5	6.1	32x22x13	27.5	1		2
600	1.5	155PHB600K2H	75	11.5	4.6	32x28x14	27.5	1.2		2
600	2	205PHB600K2H	75	14	3.9	32x33x18	27.5	1.2		2
600	2	205PHB600K4H	75	16	3.2	32x33x18	27.5	1.2	10.2	4
600	2.2	225PHB600K2H	75	14	3.9	32x33x18	27.5	1.2		2
600	2.2	225PHB600K4H	75	16.5	3.2	32x33x18	27.5	1.2	10.2	4
600	3	305PHB600K4H	75	21	2.6	32x37x22	27.5	1.2	10.2	4
600	3	305PHB600K2H	75	14	3.3	32x37x22	27.5	1.2		2
600	3	305PHB600K2J	55	14	4.3	42.5x30x22	37.5	1.2		2
600	3.3	335PHB600K2H	75	14	3.2	32x37x22	27.5	1.2		2
600	3.3	335PHB600K4H	75	21.5	2.5	32x37x22	27.5	1.2	10.2	4

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PHB

Metallized Polypropylene, High Frequency radial lead box

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
600	3.3	335PHB600K2J	55	14	4.1	42.5x30x22	37.5	1.2		2
600	4	405PHB600K2J	55	14	3.6	42.5x37x28	37.5	1.2		2
600	4	405PHB600K4J	55	17.5	2.9	42.5x37x28	37.5	1.2	10.2	4
600	4.7	475PHB600K4J	55	22	2.6	42.5x37x28	37.5	1.2	10.2	4
600	4.7	475PHB600K2J	55	14	3.3	42.5x37x28	37.5	1.2		2
600	5	505PHB600K2J	55	14	3.3	42.5x37x28	37.5	1.2		2
600	5	505PHB600K4J	55	22.5	2.6	42.5x37x28	37.5	1.2	10.2	4
600	6.8	685PHB600K4J	55	25.5	2.1	42.5x45x30	37.5	1.2	20.3	4
600	6.8	685PHB600K2J	55	14	2.8	42.5x45x30	37.5	1.2		2
600	9	905PHB600K2J	55	14	2.6	42.5x45x30	37.5	1.2		2
600	9	905PHB600K4J	55	27	1.9	42.5x45x30	37.5	1.2	20.3	4
600	10	106PHB600K4R	30	22	3.8	57.5x45x30	52.5	1.2	20.3	4
600	10	106PHB600K2R	30	14	4.5	57.5x45x30	52.5	1.2		2
600	15	156PHB600K2R	30	14	3.7	57.5x50x35	52.5	1.2		2
600	15	156PHB600K4R	30	25	3	57.5x50x35	52.5	1.2	20.3	4
700	0.15	154PHB700K2G	135	4	13	26.5x16x7	22.5	0.8		2
700	0.22	224PHB700K2G	135	4.5	11	26.5x17x8.5	22.5	0.8		2
700	0.33	334PHB700K2G	135	6	8.5	26.5x20x11	22.5	0.8		2
700	0.33	334PHB700K2H	105	6	11	32x20x11	27.5	0.8		2
700	0.47	474PHB700K2H	105	7.5	7.5	32x22x13	27.5	1		2
700	0.68	684PHB700K2H	105	9	6.1	32x24.5x15	27.5	1		2
700	1	105PHB700K2H	105	13	4.6	32x33x18	27.5	1.2		2
700	1	105PHB700K4H	105	15.5	3.9	32x33x18	27.5	1.2	10.2	4
700	1.5	155PHB700K4H	105	18	3.3	32x37x22	27.5	1.2	10.2	4
700	1.5	155PHB700K2H	105	14	4	32x37x22	37.5	1.2		2
700	1.5	155PHB700K2J	70	12	5.6	42.5x28x17	37.5	1.2		2
700	2	205PHB700K2H	105	14	3.5	32x37x22	27.5	1.2		2
700	2	205PHB700K4H	105	20	2.8	32x37x22	27.5	1.2	10.2	4
700	2	205PHB700K2J	70	13	4.9	42.5x30x22	37.5	1.2		2
700	2.2	225PHB700K2J	70	12	4.7	42.5x30x22	37.5	1.2		2
700	2.2	225PHB700K4J	70	15.5	4	42.5x37x28	37.5	1.2	10.2	2
700	3	305PHB700K2J	70	14	3.9	42.5x37x28	37.5	1.2		2
700	3	305PHB700K4J	70	20	3.2	42.5x37x28	37.5	1.2	10.2	4
700	3.3	335PHB700K4J	70	21.5	3.1	42.5x37x28	37.5	1.2	20.3	4
700	3.3	335PHB700K2J	70	14	3.8	42.5x37x28	37.5	1.2		2
700	4	405PHB700K2J	70	14	3.3	42.5x45x30	37.5	1.2		2
700	4	405PHB700K4J	70	22.5	2.7	42.5x45x30	37.5	1.2	20.3	4
700	4.7	475PHB700K4J	70	25	2.4	42.5x45x30	37.5	1.2	20.3	4
700	4.7	475PHB700K2J	70	14	3.1	42.5x45x30	37.5	1.2		2
700	5	505PHB700K2J	70	14	3	42.5x45x30	37.5	1.2		2
700	5	505PHB700K4J	70	25.5	2.3	42.5x45x30	37.5	1.2	20.3	4
700	6	605PHB700K4R	40	20	4.3	57.5x45x30	52.5	1.2	20.3	4
700	6	605PHB700K2R	40	14	5	57.5x45x30	52.5	1.2		2
700	6.8	685PHB700K2R	40	14	4.7	57.5x45x30	52.5	1.2		2
700	6.8	685PHB700K4R	40	21.5	4	57.5x45x30	52.5	1.2	20.3	4
700	8	805PHB700K4R	40	23.5	3.7	57.5x50x35	52.5	1.2	20.3	4
700	8	805PHB700K2R	40	14	4.4	57.5x50x35	52.5	1.2		2
700	9	905PHB700K2R	40	14	4.1	57.5x50x35	52.5	1.2		2
700	9	905PHB700K4R	40	25	3.4	57.5x50x35	52.5	1.2	20.3	4
850	0.1	104PHB850K2G	375	4	13	26.5x16x7	22.5	0.8		2
850	0.1	104PHB850K2H	300	4	15	32x17x9	27.5	0.8		2
850	0.15	154PHB850K2G	375	5	9.7	26.5x18.5x10	22.5	0.8		2
850	0.15	154PHB850K2H	300	5.5	11	32x20x11	27.5	0.8		2
850	0.22	224PHB850K2G	375	7	7.6	26.5x22x13	22.5	0.8		2
850	0.22	224PHB850K2H	300	6.5	8.3	32x20x11	27.5	0.8		2
850	0.33	334PHB850K2H	300	8	6.3	32x22x13	27.5	1		2
850	0.47	474PHB850K2H	300	9.5	5.1	32x24.5x15	27.5	1.2		2
850	0.68	684PHB850K2H	300	14	3.8	32x33x18	27.5	1.2		2

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PHB

Metallized Polypropylene, High Frequency radial lead box

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
850	0.68	684PHB850K4H	300	16	3.1	32x33x18	27.5	1.2	5.1	4
850	1	105PHB850K4H	300	20.5	2.4	32x37x22	27.5	1.2	10.2	4
850	1	105PHB850K2H	300	14	3.1	32x37x22	27.5	1.2		2
850	1	105PHB850K2J	200	13	4.2	42.5x28x17	37.5	1.2		2
850	1.5	155PHB850K2J	200	14	3.4	42.5x30x22	37.5	1.2		2
850	2	205PHB850K2J	200	14	3	42.5x37x28	37.5	1.2		2
850	2	205PHB850K4J	200	23	2.3	42.5x37x28	37.5	1.2	10.2	4
850	2.2	225PHB850K4J	200	24.5	2.3	42.5x37x28	37.5	1.2	10.2	4
850	2.2	225PHB850K2J	200	14	3	42.5x37x28	37.5	1.2		2
850	2.5	255PHB850K2J	200	14	2.8	42.5x37x28	37.5	1.2		2
850	2.5	255PHB850K4J	200	24	2.1	42.5x37x28	37.5	1.2	20.3	4
850	3	305PHB850K4J	200	27	1.8	42.5x45x30	37.5	1.2	20.3	4
850	3	305PHB850K2J	200	14	2.4	42.5x45x30	37.5	1.2		2
850	3.3	335PHB850K2J	200	14	2.4	42.5x45x30	37.5	1.2		2
850	3.3	335PHB850K4J	200	27	1.8	42.5x45x30	37.5	1.2	20.3	4
850	4	405PHB850K4R	110	25	2.5	57.5x45x30	52.5	1.2	20.3	4
850	4	405PHB850K2R	110	14	3.2	57.5x45x30	52.5	1.2		2
850	4.7	475PHB850K2R	110	14	2.8	57.5x45x30	52.5	1.2		2
850	4.7	475PHB850K4R	110	27	2.1	57.5x45x30	52.5	1.2	20.3	4
850	5.6	565PHB850K4R	110	27	2	57.5x50x35	52.5	1.2	20.3	4
850	5.6	565PHB850K2R	110	14	2.7	57.5x50x35	52.5	1.2		2
850	6	605PHB850K2R	110	14	2.6	57.5x50x35	52.5	1.2		2
850	6	605PHB850K4R	110	27	2	57.5x50x35	52.5	1.2	20.3	4

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PPB

Polypropylene Film Capacitors

Radial Leaded for Power Semiconductor Circuits

FEATURES	High Pulse Currents - High voltage
APPLICATIONS	Power Semiconductor Circuits – SCR Commutation Ballast controls – Switching Power Supplies

Operating Temperature Range	**-55°C to +105°C**							
Capacitance Tolerance	±10% at 1 kHz, 25°C ±5% optional							
AC voltage (50/60 Hz)	**WVDC**	**250**	**400**	**630**	**1000**	**1600**	**2000**	
	VAC	160	200	400	630	650	700	
	For T>+85°C , The voltage (DC/AC)must be decreased by (1.5/2.25)% per °C							
Dissipation Factor (MAX) 25°C	**Frequency (kHz)**	**C≤0.1uF**	**0.1uF<C≤1uF**	**C>1uF**				
	1	0.05%	0.04%	0.05%				
	10	0.05%	0.06%	-				
	100	0.16%	-	-				
Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied	**Capacitance**	**Insulation Resistance**						
	≤0.33µF	100000 MΩ						
	>0.33µF	30000 MΩxµF						
Self Inductance	<1 nano-Henry per mm of lead spacing							
Capacitance Drift Factor	<0.5% after 2 years at 40°C							
Load Life	**2000 Hours, +85C with 125% of rated voltage**							
	Capacitance Change	≤1% of initially measured value						
	Dissipation Factor	≤0.001 at 10kHz and 25°C for C≤1uF ≤0.001 at 1kHz and 25°C for C>1uF						
	Insulation Resistance	≥50% of maximum specified value						
Reliability (0.5xRated Voltage, 40°C) 1 FIT=1 failure/1 billion component hours	2 Fit, VDC≤400 WVDC 1 Fit, VDC>400 WVDC							
	Capacitance Change	≤10% of initially measured value						
	Dissipation Factor	≤200% of initially specified value						
	Insulation Resistance	≥50% of maximum specified value						
Damp Heat test	**56 days at40°C with 90 to 95%RH, +40°C and no voltage applied**							
	Capacitance Change	≤5% of initially measured value						
	Dissipation Factor	≤0.005 at 1kHz and 25°C						
	Insulation Resistance	≥50% of maximum specified value						
Self Inductance	<1 nano-Henry per mm of lead spacing							
Capacitance Drift Factor	<0.5% after 2 years at 40°C							
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C							
Dielectric Strength	**Terminal to Terminal**					**Terminal to case**		
	160% of rated VDC or 150% VAC applied for 2 Seconds and 25°C					3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C		
Dielectric	Polypropylene							
Construction	Metallized film							
Plastic Case and Epoxy Resin	Flame Retardant materials (UL 94V-0)							
Leads	Lead free tinned copper leads							

Special Order Options

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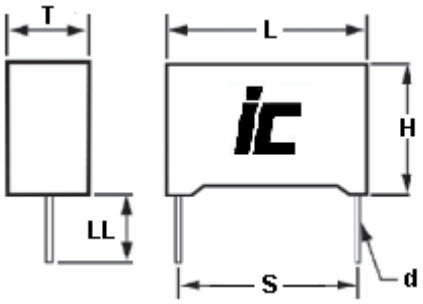
PPB

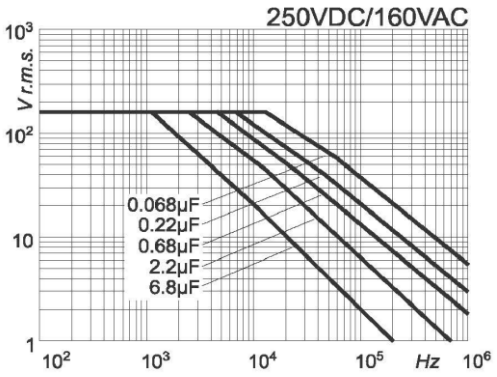
Polypropylene Film Capacitors

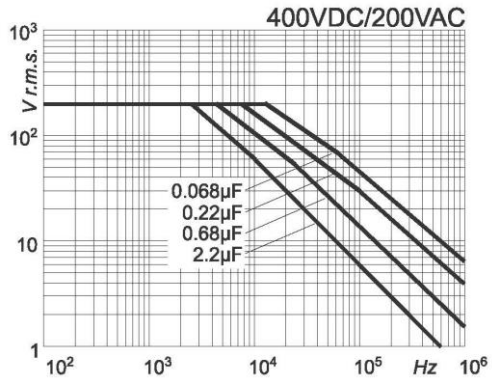
Radial Leaded for Power Semiconductor Circuits

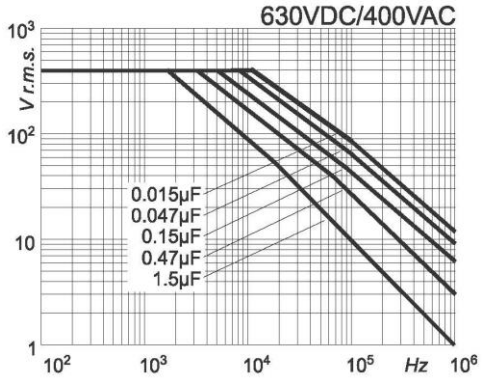


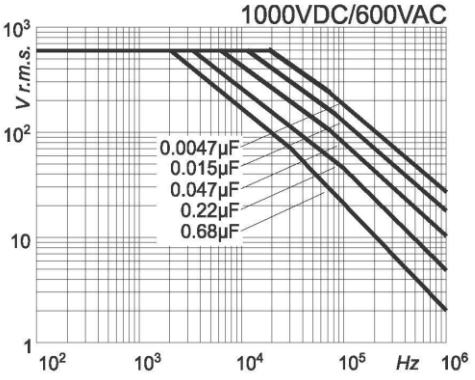
L	18	26.5	32	42.5
S	15	22.5	27.5	37.5
d	0.8	0.8	0.8	1.0
LL	5.0±1.0	5.0±1.0	30±5.0	30±5.0

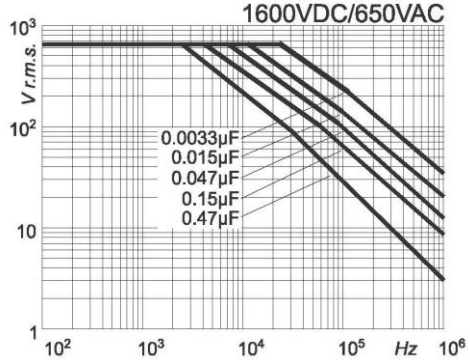
Permissible (sinusoidal) AC voltage versus frequency for a temperature rise of 10°C
Not for across the line applications

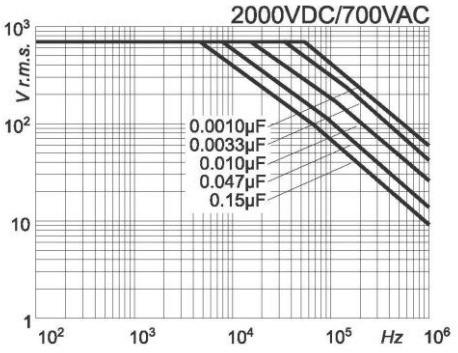












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PPB

High Voltage Pulse Radial Lead Snubber

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
250	0.047	473PPB250K	560	18x11x5	15	0.8
250	0.068	683PPB250K	560	18x12x6	15	0.8
250	0.1	104PPB250K	560	18x13.5x7.5	15	0.8
250	0.15	154PPB250K	560	18x14.5x8.5	15	0.8
250	0.22	224PPB250KB	560	18x16x10	15	0.8
250	0.22	224PPB250K	320	26.5x15x6	22.5	0.8
250	0.33	334PPB250K	320	26.5x17x8.5	22.5	0.8
250	0.47	474PPB250K	320	26.5x18.5x10	22.5	0.8
250	0.68	684PPB250KB	320	26.5x20x11	22.5	0.8
250	0.68	684PPB250K	240	32x20x11	27.5	0.8
250	1	105PPB250KG	320	26.5x22x13	22.5	0.8
250	1	105PPB250K	240	32x20x11	27.5	0.8
250	1.5	155PPB250K	240	32x24.5x15	27.5	0.8
250	2.2	225PPB250K	240	32x28x14	27.5	0.8
250	2.2	225PPB250KB	170	42.5x28x17	37.5	1
250	3.3	335PPB250K	170	42.5x30x22	37.5	1
250	4.7	475PPB250K	170	42.5x30x22	37.5	1
250	6.8	685PPB250K	170	42.5x37x28	37.5	1
400	0.033	333PPB400K	910	18x11x5	15	0.8
400	0.047	473PPB400K	910	18x12x6	15	0.8
400	0.068	683PPB400K	910	18x13.5x7.5	15	0.8
400	0.1	104PPB400K	910	18x14.5x8.5	15	0.8
400	0.15	154PPB400KE	910	18x16x10	15	0.8
400	0.15	154PPB400K	520	26.5x16x7	22.5	0.8
400	0.22	224PPB400K	520	26.5x18.5x10	22.5	0.8
400	0.33	334PPB400K	520	26.5x20x11	22.5	0.8
400	0.33	334PPB400KH	400	32x17x9	27.5	0.8
400	0.47	474PPB400KG	520	26.5x22x13	22.5	0.8
400	0.47	474PPB400K	400	32x22x13	27.5	0.8
400	0.68	684PPB400K	400	32x24.5x15	27.5	0.8
400	1	105PPB400KB	400	32x33x18	27.5	1
400	1	105PPB400K	280	42.5x28x17	37.5	1
400	1.5	155PPB400K	280	42.5x28x17	37.5	1
400	2.2	225PPB400K	280	42.5x30x22	37.5	1
400	3.3	335PPB400K	280	42.5x37x28	37.5	1
630	0.0047	472PPB630K	3300	18x11x5	15	0.8
630	0.0068	682PPB630K	3300	18x11x5	15	0.8
630	0.01	103PPB630K	3300	18x11x5	15	0.8
630	0.015	153PPB630K	3300	18x11x5	15	0.8
630	0.022	223PPB630K	3300	18x12x6	15	0.8
630	0.033	333PPB630K	3300	18x13.5x7.5	15	0.8
630	0.047	473PPB630KB	3300	18x16x10	15	0.8
630	0.047	473PPB630K	2050	26.5x15x6	22.5	0.8
630	0.068	683PPB630K	2050	26.5x16x7	22.5	0.8
630	0.1	104PPB630K	2050	26.5x17x8.5	22.5	0.8
630	0.15	154PPB630KG	1500	26.5x20x11	22.5	0.8
630	0.15	154PPB630K	1500	32x20x11	27.5	0.8
630	0.22	224PPB630K	1500	32x22x13	27.5	0.8
630	0.33	334PPB630K	1500	32x24.5x15	27.5	0.8
630	0.47	474PPB630KB	1500	32x33x18	27.5	1
630	0.47	474PPB630K	950	42.5x28x17	37.5	1
630	0.68	684PPB630K	950	42.5x28x17	37.5	1
630	1	105PPB630K	950	42.5x30x22	37.5	1
630	1.5	155PPB630K	950	42.5x37x28	37.5	1
1000	0.0033	332PPB102K	5500	18x11x5	15	0.8
1000	0.0047	472PPB102K	5500	18x11x5	15	0.8
1000	0.0068	682PPB102K	5500	18x11x5	15	0.8

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Dims LxHxT (mm)	S (MM)	d (MM)
1000	0.01	103PPB102KE	6200	18x12x6	15	0.8
1000	0.01	103PPB102K	2500	26.5x15x6	22.5	0.8
1000	0.015	153PPB102KB	5500	18x13.5x7.5	15	0.8
1000	0.015	153PPB102K	2600	26.5x15x6	22.5	0.8
1000	0.022	223PPB102KB	5500	18x14.5x8.5	15	0.8
1000	0.022	223PPB102K	2600	26.5x15x6	22.5	0.8
1000	0.033	333PPB102K	2600	26.5x16x7	22.5	0.8
1000	0.047	473PPB102K	2600	26.5x17x8.5	22.5	0.8
1000	0.068	683PPB102K	2600	26.5x18.5x10	22.5	0.8
1000	0.1	104PPB102KG	2600	26.5x22x13	22.5	0.8
1000	0.1	104PPB102K	1850	32x20x11	27.5	0.8
1000	0.15	154PPB102K	1850	32x22x13	27.5	0.8
1000	0.22	224PPB102K	1850	32x28x14	27.5	0.8
1000	0.33	334PPB102KB	1850	32x33x18	27.5	1
1000	0.33	334PPB102K	1200	42.5x28x17	37.5	1
1000	0.47	474PPB102K	1200	42.5x30x22	37.5	1
1000	0.68	684PPB102K	1200	42.5x37x28	37.5	1
1000	1	105PPB102K	1200	42.5x37x28	37.5	1
1600	0.0022	222PPB162K	7500	18x11x5	15	0.8
1600	0.0033	332PPB162K	7500	18x12x6	15	0.8
1600	0.0047	472PPB162K	7500	18x13.5x7.5	15	0.8
1600	0.0068	682PPB162K	7500	18x14.5x8.5	15	0.8
1600	0.01	103PPB162KB	7500	18x16x10	15	0.8
1600	0.01	103PPB162K	3800	26.5x15.5x6	22.5	0.8
1600	0.015	153PPB162K	3800	26.5x16x7	22.5	0.8
1600	0.022	223PPB162K	3800	26.5x17x8.5	22.5	0.8
1600	0.033	333PPB162K	3800	26.5x18.5x10	22.5	0.8
1600	0.047	473PPB162KG	3800	26.5x22x13	22.5	0.8
1600	0.047	473PPB162K	2700	32x20x11	27.5	0.8
1600	0.068	683PPB162K	2700	32x22x13	27.5	0.8
1600	0.1	104PPB162K	2700	32x28x14	27.5	0.8
1600	0.15	154PPB162KB	2700	32x33x18	27.5	1
1600	0.15	154PPB162K	1700	42.5x28x17	37.5	1
1600	0.22	224PPB162K	1700	42.5x28x17	37.5	1
1600	0.33	334PPB162K	1700	42.5x30x22	37.5	1
1600	0.47	474PPB162K	1700	42.5x37x28	37.5	1
2000	0.001	102PPB202KE	9000	18x11x5	15	0.8
2000	0.001	102PPB202K	6200	26.5x15x6	22.5	0.8
2000	0.0015	152PPB202KE	9000	18x11x5	15	0.8
2000	0.0022	222PPB202KE	9000	18x12x6	15	0.8
2000	0.0033	332PPB202KB	9000	18x13.5x7.5	15	0.8
2000	0.0033	332PPB202K	6200	26.5x15x6	22.5	0.8
2000	0.0047	472PPB202KB	9000	18x14.5x8.5	15	0.8
2000	0.0047	472PPB202K	6200	26.5x15x6	22.5	0.8
2000	0.0068	682PPB202KB	9000	18x16x10	15	0.8
2000	0.0068	682PPB202K	6200	26.5x15x6	22.5	0.8
2000	0.01	103PPB202K	6200	26.5x17x8.5	22.5	0.8
2000	0.015	153PPB202K	6200	26.5x18.5x10	22.5	0.8
2000	0.022	223PPB202KG	6200	26.5x22x13	22.5	0.8
2000	0.022	223PPB202K	4200	32x20x11	27.5	0.8
2000	0.033	333PPB202K	4200	32x22x13	27.5	0.8
2000	0.047	473PPB202K	4200	32x24.5x15	27.5	0.8
2000	0.068	683PPB202K	4200	32x28x14	27.5	0.8
2000	0.1	104PPB202KB	4200	32x33x18	27.5	1
2000	0.1	104PPB202K	2600	42.5x28x17	37.5	1
2000	0.15	154PPB202K	2600	42.5x30x22	37.5	1
2000	0.22	224PPB202K	2600	42.5x37x28	37.5	1

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PSB/RSB

Metallized Polypropylene Film Capacitors

Radial Leaded with Double Sided Electrodes

FEATURES — Power Semiconductor Module Protection - High Pulse and rms Current – Multiple Leads

APPLICATIONS — Power Semiconductor Circuits – Resonant Circuits – Induction Heaters – Switching Power Supplies

Operating Temperature Range	**PSB: -40°C to +100°C, observing voltage and current derating RSB: -40°C to +85°C**								
Capacitance Tolerance	±10% at 1 kHz, 25°C ±5% optional								
Non-Recurrent SVDC	**WVDC**	**700**	**850**	**1000**	**1200**	**1500**	**2000**	**2500**	**3000**
	VAC (RSB)	1100	1300 (1200)	1550 (1300)	1750 (1600)	2200	2600 (2400)	3300	4000 (3500)
AC voltage (50/60 Hz)	**WVDC**	**700**	**850**	**1000**	**1200**	**1500**	**2000**	**2500**	**3000**
	VAC	380/420	500	575	630	650	700	725	750
	For T>+85°C , The voltage (DC/AC)must be decreased by (1.5/2.5)% per °C								
Dissipation Factor (MAX) 25°C	**Frequency (kHz)**	**C≤1uF**	**C>1uF**						
	1	0.05%	0.06%						
Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied	**Insulation Resistance**								
	30000 MΩxuF (not to exceed 30GΩ)								
Self Inductance	<1 nano-Henry per mm of lead spacing								
Capacitance Drift Factor	<0.5% after 2 years at 40°C								
Life Expectancy	100000 Hours @WVDC 30000 Hours @ VAC								
	Capacitance Change	≤3% of initially measured value							
Failure quota	300/ Billion component hours								
Damp Heat test	**56 days at40°C with 90 to 95%RH, +40°C and no voltage applied**								
	Capacitance Change	≤2% of initially measured value							
	Dissipation Factor	≤0.001 at 1kHz and 25°C							
	Insulation Resistance	≥50% of maximum specified value							
Self Inductance	<1 nano-Henry per mm of lead spacing								
Capacitance Drift Factor	<0.5% after 2 years at 40°C								
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C								
Dielectric Strength	**Terminal to Terminal**					**Terminal to case**			
	160% of rated VDC or 150% VAC applied for 2 Seconds and 25°C					3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C			
Dielectric	Polypropylene								
Construction	Double Metallized film with internal series connections								
Coating	Flame Retardant plastic box with epoxy resin (UL94V-0)								
Leads	Lead free tinned copper leads								

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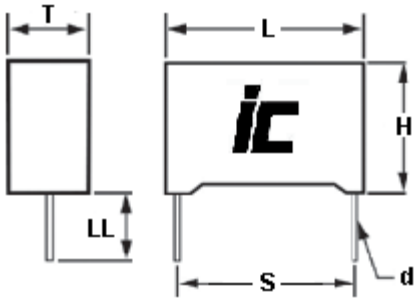
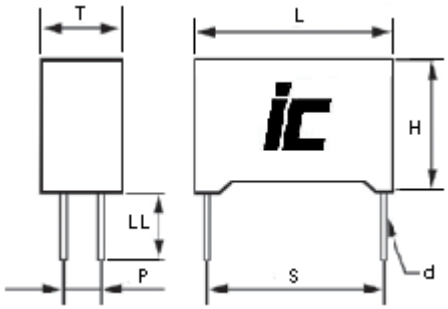
PSB/RSB

Metallized Polypropylene Film Capacitors

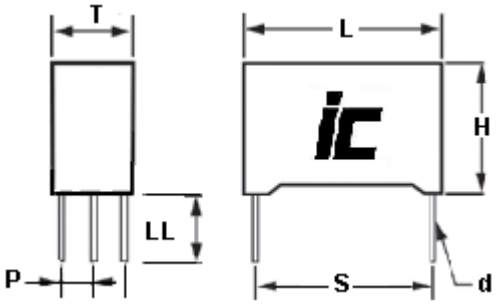
Radial Leaded with Double Sided Electrodes



WVDC	ALL	≤850	850<v<2000		2500		ALL	ALL
L	27.5	32	32	32	32	32	42.5	57.5
H	ALL	20	22,24.5	>24.5	33	>33	ALL	ALL
T	ALL	ALL	≤15	>15	<18	>18	ALL	ALL
S	22.5	27.5	27.5	27.5	27.5	27.5	37.5	52.5
d	0.8	0.8	1.0	1.2	1.0	1.2	1.2	1.2
LL	5±1 (25±5 Optional)							



L	32	32	32	42.5	42.5	57.5
H	>22	22>H>,24.5	≥28	≥37	>37	ALL
P	10.2	≤15	≤15	>18	ALL	20.3
S	27.5	27.5	27.5	37.5	37.5	52.5
d	0.8	1.0	1.0	1.2	1.2	1.2
LL	5.5±1.5					



L	57.5
H	ALL
T	ALL
S	52.5±0.4
P	10.2±05
LL	5.5±1.5
d	1.2±0.05

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
700	0.1	104PSB700K2G	1200	4	13.3	26.5x16x7	22.5	0.8		2
700	0.15	154PSB700K2G	1200	5.5	9.5	26x19x10	22.5	0.8		2
700	0.22	224PSB700K2G	1200	6.5	7	26.5x20x11	22.5	0.8		2
700	0.22	224PSB700K2H	900	6.5	8	32x20x11	27.5	0.8		2
700	0.33	334PSB700K2H	1500	8.5	6	32x22x13	27.5	1		2
700	0.47	474PSB700K2H	900	10	4.8	32x24.5x15	27.5	1		2
700	0.68	684PSB700K2H	900	14	3.8	32x33x18	27.5	1.2		2
700	0.68	684PSB700K4H	900	17	3.1	32x33x18	27.5	1.2	5.1	4
700	1	105PSB700K4H	900	21	2.5	32x37x22	27.5	1.2	10.2	4
700	1	105PSB700K2H	900	14	3.2	32x37x22	27.5	1.2		2
700	1	105PSB700K2J	600	13.5	4	42.5x28x17	37.5	1.2		2
700	1.5	155PSB700K2J	600	14	3.6	42.5x30x22	37.5	1.2		2
700	1.8	185RSB700K4H	720	19.5	2.8	32x37x22	27.5	1.2	10.2	4
700	1.8	185RSB700K4H	720	19.5	2.8	32x37x22	27.5	1.2	10.5	4
700	2	205PSB700K4J	600	22.5	2.5	42.5x37x28	37.5	1.2	10.2	4
700	2	205PSB700K4JA	600	22.5	2.5	41.5x40x20	37.5	1.2	10.2	4
700	2	205PSB700K2J	600	14	3.2	42.5x37x28	37.5	1.2		2
700	2	205PSB700K2JA	600	14	3.2	41.5x40x20	37.5	1.2		2
700	2	205RSB700K2J	455	13	4.9	42x32x17	37.5	1.2		2
700	2.2	225RSB700K2J	455	13.5	4.6	42.5x30x22	37.5	1.2		2
700	2.2	225PSB700K2J	600	14	3.1	42.5x37x28	37.5	1.2		2
700	2.2	225PSB700K4J	600	23	2.4	42.5x37x28	37.5	1.2	20.3	4
700	2.5	255PSB700K4J	600	24.5	2.2	42.5x37x28	37.5	1.2	20.3	4
700	2.5	255PSB700K4JA	600	27	2.2	41.5x44x24	37.5	1.2	10.2	4
700	2.5	255RSB700K2J	455	14	4.5	42.5x33.5x22	37.5	1.2		2
700	2.5	255PSB700K2J	600	14	2.7	42.5x37x28	37.5	1.2		2
700	2.5	255PSB700K2JA	600	14	2.7	41.5x44x24	37.5	1.2		2
700	3	305PSB700K2J	600	14	2.7	42.5x45x30	37.5	1.2		2
700	3	305PSB700K4J	600	27	2	42.5x45x30	37.5	1.2	20.3	4
700	3.3	335PSB700K4J	600	27	2	42.5x45x30	37.5	1.2	20.3	4
700	3.3	335PSB700K6J	600	29.5	1.9	42.5x45x30	37.5	1.2	10.2	6
700	3.3	335PSB700K2J	600	14	2.7	42.5x45x30	37.5	1.2		2
700	3.3	335RSB700K4J	455	19.5	3.3	42.5x37x28	37.5	1.2	10.2	4
700	3.3	335RSB700K2J	455	14	4	42.5x37x28	37.5	1.2		2
700	4	405PSB700K2R	360	14	3.1	57.5x45x30	52.5	1.2		2
700	4	405PSB700K6R	200	27	2.4	57.5x45x30	52.5	1.2	10.2	6
700	4	405PSB700K4R	360	27	2.4	57.5x45x30	52.5	1.2	20.3	4
700	4.7	475RSB700K4J	455	24.5	2.7	42.5x45x30	37.5	1.2	20.3	4
700	4.7	475RSB700K2J	455	14	3.4	42.5x45x30	37.5	1.2		2
700	4.7	475PSB700K2R	360	14	2.9	57.5x50x35	52.5	1.2		2
700	4.7	475PSB700K4R	360	27	2.2	57.5x50x35	52.5	1.2	20.3	4
700	4.7	475PSB102K6R	500	37.5	1.7	57.5x57.5x38	52.5	1.2	10.2	6
700	4.7	475PSB700K6R	360	30	2.1	57.5x50x35	52.5	1.2	10.2	6
700	5	505RSB700K4J	455	24.5	2.7	42.5x45x30	37.5	1.2	20.3	4
700	5	505RSB700K2J	455	14	3.4	42.5x45x30	37.5	1.2		2
700	5	505PSB700K2R	360	14	2.9	57.5x50x35	52.5	1.2		2
700	5	505PSB700K6R	360	30.5	2.1	57.5x50x35	52.5	1.2	10.2	6
700	5	505PSB700K4R	360	27	2.2	57.5x50x35	52.5	1.2	20.3	4
700	5.6	565PSB700K4R	360	27	1.9	57.5x50x35	52.5	1.2	20.3	4
700	5.6	565PSB700K6R	360	32	1.8	57.5x50x35	52.5	1.2	10.2	6
700	5.6	565PSB700K2R	360	14	2.6	57.5x50x35	52.5	1.2		2
700	6.3	635PSB700K2R	360	14	2.6	57.5x50x35	52.5	1.2		2
700	6.3	635PSB700K4R	360	27	1.9	57.5x50x35	52.5	1.2	20.3	4
700	6.3	635PSB700K6R	360	33.5	1.8	57.5x50x35	52.5	1.2	10.2	6
700	6.8	685PSB700K6R	360	35.5	1.7	57.5x57.5x38	52.5	1.2	10.2	6
700	6.8	685PSB700K4R	360	27	1.8	57.5x57.5x38	52.5	1.2	20.3	4
700	6.8	685RSB700K4R	285	23.5	3.3	57.5x45x30	52.5	1.2	20.3	4
700	6.8	685RSB700K2R	285	14	4	57.5x45x30	52.5	1.2		2

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
700	8	805PSB700K4R	360	27	1.7	57.5x57.5x38	52.5	1.2	20.3	4
700	8	805PSB700K6R	360	38	1.6	57.5x57.5x38	52.5	1.2	10.2	6
700	10	106RSB700K6R	285	30	2.4	57.5x50x35	52.5	1.2	10.2	6
700	10	106RSB700K2R	285	14	3.2	57.5x50x35	52.5	1.2		2
700	10	106RSB700K4R	285	27	2.5	57.5x50x35	52.5	1.2	20.3	4
700	12	126RSB700K4R	285	27	2.2	57.5x57.5x38	52.5	1.2	20.3	4
700	12	126RSB700K6R	285	34	2.1	57.5x57.5x38	52.5	1.2	10.2	6
850	0.068	683PSB850K2G	1550	4	14	26.5x16x7	22.5	0.8		2
850	0.1	104PSB850K2G	1550	5	10.4	26.5x18.5x10	22.5	0.8		2
850	0.15	154PSB850K2G	1550	6.5	7.5	26.5x20x11	22.5	0.8		2
850	0.15	154PSB850K2H	1120	6.5	8.6	32x20x11	27.5	0.8		2
850	0.22	224PSB850K2H	1120	8	6.4	32x22x13	27.5	1		2
850	0.33	334PSB850K2H	1900	10	4.9	32x24.5x15	27.5	1		2
850	0.47	474PSB850K2H	1120	14	3.9	32x33x18	27.5	1.2		2
850	0.47	474PSB850K4H	1120	16.5	3.2	32x33x18	27.5	1.2	10.2	4
850	0.68	684PSB850K4H	1120	20.5	2.6	32x37x22	27.5	1.2	10.2	4
850	0.68	684PSB850K2H	1120	14	3.3	32x37x22	27.5	1.2		2
850	0.68	684RSB850K2H	900	12	5.6	32x33x18	27.5	1.2		2
850	0.68	684PSB850K2J	510	13	4.3	42.5x28x17	37.5	1.2		2
850	0.82	824RSB850K4H	900	13	5.1	32x33x18	27.5	1.2		4
850	0.82	824PSB850K2J	750	14	3.8	42x32x14	37.5	1.2		2
850	1	105RSB850K2H	900	14	4.6	32x37x22	27.5	1.2		2
850	1	105RSB850K4H	900	17	3.9	32x37x22	27.5	1.2	10.2	4
850	1	105PSB850K2J	750	14	3.3	42.5x30x22	37.5	1.2		2
850	1	105PSB850K4J	750	18.5	2.6	42.5x37x28	37.5	1.2	10.2	4
850	1.2	125PSB850K4J	900	20	2.4	42.5x33.5x22	37.5	1.2	10.2	4
850	1.2	125RSB850K2J	600	11.5	6.1	42x32x17	37.5	1.2		2
850	1.2	125PSB850K2J	900	14	3.1	42.5x33.5x22	37.5	1.2		2
850	1.5	155PSB850K2JA	750	14	2.9	41.5x44x24	37.5	1.2		2
850	1.5	155RSB850K2J	600	12.5	5.5	42.5x30x22	37.5	1.2		2
850	1.5	155PSB850K4JA	750	26	2.3	41.5x44x24	37.5	1.2	10.2	4
850	1.5	155PSB850K2J	750	14	2.9	42.5x37x28	37.5	1.2		2
850	1.5	155PSB850K4J	750	24	2.3	42.5x37x28	37.5	1.2	20.3	4
850	2	205PSB850K4J	750	27	2.1	42.5x45x30	37.5	1.2	20.3	4
850	2	205PSB850K6J	750	29	2	42.5x45x30	37.5	1.2	10.2	6
850	2	205PSB850K2J	750	14	2.7	42.5x45x30	37.5	1.2		2
850	2	205RSB850K4J	600	17	4.2	42.5x37x28	37.5	1.2	10.2	4
850	2	205RSB850K4JA	600	17	4.2	41.5x40x20	37.5	1.2	10.2	4
850	2	205RSB850K2J	600	14	4.9	42.5x37x28	37.5	1.2		2
850	2	205RSB850K2JA	600	14	4.9	41.5x40x20	37.5	1.2		2
850	2.2	225RSB850K2J	600	14	4.8	42.5x37x28	37.5	1.2		2
850	2.2	225RSB850K4J	600	17.5	4.1	42.5x37x28	37.5	1.2	20.3	4
850	2.2	225PSB850K2J	750	14	2.7	42.5x45x30	37.5	1.2		2
850	2.2	225PSB850K6J	750	30	2	42.5x45x30	37.5	1.2	10.2	6
850	2.2	225PSB850K4J	750	27	2.1	42.5x45x30	37.5	1.2	20.3	4
850	2.5	255RSB850K4J	600	21	3.7	41.5x44x24	37.5	1.2	10.2	4
850	2.5	255RSB850K2J	600	14	4.4	41.5x44x24	37.5	1.2		2
850	2.5	255PSB850K2R	450	14	2.9	57.5x45x30	52.5	1.2		2
850	2.5	255PSB850K4R	450	27	2.2	57.5x45x30	52.5	1.2	20.3	4
850	3	305RSB850K4J	600	22	3.3	42.5x45x30	37.5	1.2	20.3	4
850	3	305RSB850K2J	600	14	4	42.5x45x30	37.5	1.2		2
850	3	305PSB850K2R	450	14	3	57.5x45x30	52.5	1.2		2
850	3	305PSB850K4R	450	27	2.3	57.5x45x30	52.5	1.2	20.3	4
850	3	305PSB850K6R	450	29	2.2	57.5x45x30	52.5	1.2	10.2	6
850	3.3	335RSB850K4J	600	23	3.2	42.5x45x30	37.5	1.2	20.3	4
850	3.3	335RSB850K2J	600	14	3.9	42.5x45x30	37.5	1.2		2
850	3.3	335PSB850K2R	450	14	2.6	57.5x45x30	52.5	1.2		2
850	3.3	335PSB850K6R	450	30	2.1	57.5x45x30	52.5	1.2	10.2	6

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
850	3.3	335PSB850K4R	450	27	2	57.5x45x30	52.5	1.2	20.3	4
850	4	405PSB850K4R	450	27	2	57.5x50x35	52.5	1.2	20.3	4
850	4	405PSB850K6R	450	32.5	1.9	57.5x50x35	52.5	1.2	10.2	6
850	4	405PSB850K2R	450	14	2.6	57.5x50x35	52.5	1.2		2
850	4	405RSB850K4R	360	22	3.7	57.5x45x30	52.5	1.2	20.3	4
850	4	405RSB850K2R	360	14	4.3	57.5x45x30	52.5	1.2		2
850	4.7	475PSB850K2R	450	14	2.5	57.5x50x35	52.5	1.2		2
850	4.7	475PSB850K4R	450	27	1.9	57.5x50x35	52.5	1.2	20.3	4
850	4.7	475PSB850K6R	450	34.5	1.8	57.5x50x35	52.5	1.2	10.2	6
850	5.6	565PSB850K6R	450	37	1.6	57.5x57.5x38	52.5	1.2	10.2	6
850	5.6	565PSB850K4R	450	27	1.7	57.5x57.5x38	52.5	1.2	20.3	4
850	5.6	565RSB850K4R	360	26.5	3	57.5x50x35	52.5	1.2	20.3	4
850	5.6	565RSB850K2R	360	14	3.6	57.5x50x35	52.5	1.2		2
850	6	605PSB850K4R	450	27	1.7	57.5x57.5x38	52.5	1.2	20.3	4
850	6	605PSB850K6R	450	38	1.6	57.5x57.5x38	52.5	1.2	10.2	6
850	6.8	685RSB850K6R	360	29.5	2.6	57.5x57.5x38	52.5	1.2	10.2	6
850	6.8	685RSB850K4R	360	27	2.7	57.5x57.5x38	52.5	1.2	20.3	4
850	8	805RSB850K4R	360	27	2.4	57.5x57.5x38	52.5	1.2	20.3	4
850	8	805RSB850K6R	360	33	2.3	57.5x57.5x38	52.5	1.2	10.2	6
1000	0.047	473PSB102K2G	1800	3.5	18.5	26.5x16x7	22.5	0.8		2
1000	0.068	683PSB102K2G	1800	4.5	13.7	26.5x17x8.5	22.5	0.8		2
1000	0.1	104PSB102K2G	1800	5.5	9.9	26.5x20x11	22.5	0.8		2
1000	0.1	104PSB102K2H	1300	5	11	32x17x9	27.5	0.8		2
1000	0.15	154PSB102K2G	1800	7	7.3	26.5x22x13	22.5	0.8		2
1000	0.15	154PSB102K2H	1300	6.5	8.2	32x20x11	27.5	0.8		2
1000	0.22	224PSB102K2H	1300	8.5	5.7	32x22x13	27.5	1		2
1000	0.33	334PSB102K2H	1300	12.5	4.5	32x28x14	27.5	1.2		2
1000	0.47	474PSB102K2H	1300	14	3.7	32x33x18	27.5	1.2		2
1000	0.47	474PSB102K4H	1300	17	3	32x33x18	27.5	1.2	10.2	4
1000	0.47	474PSB102K2J	870	12	4.7	42.5x28x17	37.5	1.2		2
1000	0.68	684RSB102K4H	1300	17	4	32x37x22	27.5	1.2	10.2	4
1000	0.68	684RSB102K2H	1300	14	4.7	32x37x22	27.5	1.2		2
1000	0.68	684RSB102K2J	750	11.5	5.9	42.5x28x17	37.5	1.2		2
1000	0.68	684PSB102K2J	870	14	4.1	42.5x30x22	37.5	1.2		2
1000	0.68	684PSB102K4J	870	17	3.4	42.5x37x28	37.5	1.2	10.2	4
1000	1	105PSB102K4J	870	22	2.9	42.5x37x28	37.5	1.2	10.2	4
1000	1	105PSB102K2J	870	14	3.6	42.5x37x28	37.5	1.2		2
1000	1	105PSB102K2JA	870	14	3	41.5x44x24	37.5	1.2		2
1000	1	105PSB102K4JA	870	22	2.9	41.5x40x20	37.5	1.2	10.2	2
1000	1	105RSB102K4J	750	15.5	4	42.5x30x22	37.5	1.2	10.2	4
1000	1	105RSB102K2J	750	14	4.7	42.5x30x22	37.5	1.2		2
1000	1.5	155RSB102K2J	750	14	4	42.5x37x28	37.5	1.2		2
1000	1.5	155RSB102K4J	750	19.5	3.3	42.5x37x28	37.5	1.2	10.2	4
1000	1.5	155PSB102K2J	870	14	3	42.5x45x30	37.5	1.2		2
1000	1.5	155PSB102K4J	870	26	2.3	42.5x45x30	37.5	1.2	20.3	4
1000	1.8	185RSB102K4J	750	22.5	3.2	41.5x44x24	37.5	1.2	10.2	4
1000	1.8	185RSB102K2J	750	14	3.9	41.5x44x24	37.5	1.2		2
1000	2	205RSB102K2J	750	14	3.9	42.5x45x30	37.5	1.2		2
1000	2	205RSB102K4J	750	23	3.2	42.5x45x30	37.5	1.2	20.3	4
1000	2	205PSB102K2R	500	14	3.4	57.5x45x30	52.5	1.2		2
1000	2	205PSB102K4R	500	26	2.7	57.5x45x30	52.5	1.2	20.3	4
1000	2.2	225RSB102K4J	750	24	3.1	42.5x45x30	37.5	1.2	20.3	4
1000	2.2	225RSB102K2J	750	14	3.8	42.5x45x30	37.5	1.2		2
1000	2.2	225PSB102K2R	500	14	3.3	57.5x45x30	52.5	1.2		2
1000	2.2	225PSB102K4R	500	26	2.6	57.5x45x30	52.5	1.2	20.3	4
1000	3	305RSB102K2R	450	14	3.9	57.5x45x30	37.5	1.2		2
1000	3	305RSB102K4R	450	23.5	3.2	57.5x45x30	37.5	1.2	20.3	4
1000	3	305PSB102K2R	500	14	2.9	57.5x50x35	52.5	1.2		2

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
1000	3	305PSB102K4R	500	27	2.2	57.5x50x35	52.5	1.2	20.3	4
1000	3	305PSB102K6R	500	31.5	2.1	57.5x50x35	52.5	1.2	10.2	6
1000	3.3	335PSB102K6R	500	32.5	2	57.5x50x35	52.5	1.2	10.2	6
1000	3.3	335PSB102K4R	500	27	2.1	57.5x50x35	52.5	1.2	20.3	4
1000	3.3	335RSB102K4R	1485	24	3.1	57.5x45x30	52.5	1.2	20.3	2
1000	3.3	335PSB102K2R	500	14	2.8	57.5x50x35	52.5	1.2		2
1000	3.3	335RSB102K2R	450	14	3.8	57.5x45x30	52.5	1.2		2
1000	4	405RSB102K2R	450	14	3.5	57.5x50x35	52.5	1.2		2
1000	4	405RSB102K4R	450	27	2.8	57.5x50x35	52.5	1.2	20.3	4
1000	4	405PSB102K4R	500	27	2	57.5x57.5x38	52.5	1.2	20.3	4
1000	4	405PSB102K6R	500	34	1.9	57.5x57.5x38	52.5	1.2	10.2	6
1000	4.7	475PSB102K4R	500	27	1.8	57.5x57.5x38	52.5	1.2	20.3	4
1000	4.7	475RSB102K4R	450	27	2.7	57.5x50x35	52.5	1.2	20.3	4
1000	4.7	475RSB102K2R	450	14	3.3	57.5x50x35	52.5	1.2		2
1000	5.6	565RSB102K6R	450	31	2.4	57.5x57.5x38	52.5	1.2	10.2	6
1000	5.6	565RSB102K4R	450	27	2.5	57.5x57.5x38	52.5	1.2	20.3	4
1000	6	605RSB102K4R	450	27	2.4	57.5x57.5x38	52.5	1.2	20.3	4
1000	6	605RSB102K6R	450	33	2.3	57.5x57.5x38	52.5	1.2	10.2	6
1200	0.033	333PSB122K2G	2000	3	23	26.5x16x7	22.5	0.8		2
1200	0.047	473PSB122K2G	4000	3.5	16.9	26.5x17x8.5	22.5	0.8		2
1200	0.068	683PSB122K2G	2000	4.5	12.7	26.5x18.5x10	22.5	0.8		2
1200	0.068	683PSB122K2H	1500	4.5	14.3	32x17x9	27.5	0.8		2
1200	0.1	104PSB122K2G	2000	6	9.7	26.5x22x13	22.5	0.8		2
1200	0.1	104PSB122K2H	1500	6	10.6	32x20x11	27.5	0.8		2
1200	0.15	154PSB122K2H	1500	7.5	7.6	32x22x13	27.5	1		2
1200	0.22	224PSB122K2H	1500	9.5	5.4	32x24.5x15	27.5	1		2
1200	0.33	334PSB122K2H	1500	13.5	4.3	32x33x18	27.5	1.2		2
1200	0.33	334PSB122K4H	1500	15.5	3.6	32x33x18	27.5	1.2		4
1200	0.33	334PSB122K2J	1000	11.5	5.9	42.5x28x17	37.5	1.2		2
1200	0.47	474PSB122K2H	1500	14	3.4	32x37x22	27.5	1.2		2
1200	0.47	474RSB122K2H	1120	12.5	5.7	32x33x18	27.5	1.2		2
1200	0.47	474PSB122K4H	1500	20.5	2.7	32x37x22	27.5	1.2		4
1200	0.47	474PSB122K2J	1000	13.5	4.8	42.5x30x22	37.5	1.2		2
1200	0.68	684RSB122K2H	1120	14	5	32x37x22	27.5	1.2		2
1200	0.68	684RSB122K4H	1120	16	4.3	32x37x22	27.5	1.2	10.2	4
1200	0.68	684PSB122K4J	1000	17.5	3.4	42.5x37x28	37.5	1.2	10.2	4
1200	0.68	684RSB122K2J	870	11.5	6.1	42x32x17	37.5	1.2		2
1200	0.68	684PSB122K2J	1000	14	4.1	42.5x37x28	37.5	1.2		2
1200	0.82	824PSB122K2J	1000	14	3.8	41.5x40x20	37.5	1.2		2
1200	0.82	824RSB122K2J	870	13	5.4	42.5x30x22	37.5	1.2		2
1200	0.82	824PSB122K4J	1000	20.5	3.1	41.5x40x20	37.5	1.2	10.2	4
1200	1	105PSB122K4J	1000	22	2.8	42.5x37x28	37.5	1.2	20.3	4
1200	1	105PSB122K2JA	1000	14	3.5	41.5x44x24	37.5	1.2		2
1200	1	105RSB122K4J	870	17.5	4.1	41.5x40x20	37.5	1.2	10.2	4
1200	1	105PSB122K2J	1000	14	3.5	42.5x37x28	37.5	1.2		2
1200	1	105PSB122K4JA	1000	23.5	2.8	41.5x44x24	37.5	1.2	10.2	2
1200	1	105RSB122K2J	870	14	4.8	41.5x40x20	37.5	1.2		2
1200	1.2	125RSB122K4J	870	19	3.7	42.5x37x28	37.5	1.2	10.2	4
1200	1.2	125PSB122K2J	1000	14	3.2	42.5x45x30	37.5	1.2		2
1200	1.2	125RSB122K2J	870	14	4.4	42.5x37x28	37.5	1.2		2
1200	1.2	125PSB122K4J	1000	25	2.5	42.5x45x30	37.5	1.2	20.3	4
1200	1.5	155PSB122K4J	1000	27	2.2	42.5x45x30	37.5	1.2	20.3	4
1200	1.5	155RSB122K2J	870	14	4	41.5x44x24	37.5	1.2		2
1200	1.5	155PSB122K2J	100	14	2.9	42.5x45x30	37.5	1.2		2
1200	1.5	155RSB122K4J	870	21.5	3.3	41.5x44x24	37.5	1.2	10.2	4
1200	2	205PSB122K2R	575	14	3.2	57.5x45x30	52.5	1.2		2
1200	2	205PSB122K4R	575	26.5	2.5	57.5x45x30	52.5	1.2	20.3	4
1200	2	205PSB122K6R	575	29	2.4	57.5x45x30	52.5	1.2	10.2	6

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
1200	2.2	225PSB122K4R	575	27	2.4	57.5x50x35	52.5	1.2	20.3	4
1200	2.2	225PSB122K6R	575	31	2.3	57.5x50x35	52.5	1.2	10.2	6
1200	2.2	225PSB122K2R	575	14	3	57.5x50x35	52.5	1.2		2
1200	2.2	225RSB122K4R	500	22	3.7	57.5x45x30	52.5	1.2	10.2	4
1200	2.2	225RSB122K2R	500	14	4.4	57.5x45x30	52.5	1.2		2
1200	2.5	255RSB122K2R	500	14	4.2	57.5x45x30	52.5	1.2		2
1200	2.5	255RSB122K4R	500	23	3.5	57.5x45x30	52.5	1.2	20.3	4
1200	2.5	255PSB122K2R	575	14	2.8	57.5x50x35	52.5	1.2		2
1200	2.5	255PSB122K4R	575	27	2.2	57.5x50x35	52.5	1.2	20.3	4
1200	2.5	255PSB122K6R	575	32	2.1	57.5x50x35	52.5	1.2	10.2	6
1200	3.3	335PSB122K6R	575	36	1.9	57.5x57.5x38	52.5	1.2	10.2	6
1200	3.3	335RSB122K4R	500	27	3	57.5x50x35	52.5	1.2	20.3	4
1200	3.3	335PSB122K4R	575	27	2	57.5x57.5x38	52.5	1.2	20.3	4
1200	3.3	335RSB122K2R	500	14	3.7	57.5x50x35	52.5	1.2		2
1200	3.6	365PSB122K4R	575	27	1.9	57.5x57.5x38	52.5	1.2	20.3	4
1200	3.6	365PSB122K6R	575	37.5	1.8	57.5x57.5x38	52.5	1.2	10.2	6
1200	4	405RSB122K6R	500	29	2.5	57.5x57.5x38	52.5	1.2	10.2	6
1200	4	405RSB122K4R	600	25	3.8	57.5x50x35	52.5	1.2	20.3	4
1200	4.7	475RSB122K4R	500	27	2.4	57.5x57.5x38	52.5	1.2	20.3	4
1200	4.7	475RSB122K6R	500	33	2.3	57.5x57.5x38	52.5	1.2	10.2	6
1500	0.022	223PSB152K2G	2500	2.5	30	26.5x16x7	22.5	0.8		2
1500	0.033	333PSB152K2G	2500	3.5	22	26.5x17x8.5	22.5	0.8		2
1500	0.047	473PSB152K2G	2500	4	16.5	26.5x18.5x10	22.5	0.8		2
1500	0.047	473PSB152K2H	1900	4	18.2	32x17x9	27.5	0.8		2
1500	0.068	683PSB152K2G	2500	5.5	12.3	26.5x22x13	22.5	0.8		2
1500	0.068	683PSB152K2H	1900	5	13.8	32x20x11	27.5	0.8		2
1500	0.1	104PSB152K2H	1900	6.5	9.5	32x22x13	27.5	0.8		2
1500	0.15	154PSB152K2H	1900	8.5	7.1	32x24.5x15	27.5	1		2
1500	0.22	224PSB152K2H	1900	12.5	5.1	32x33x18	27.5	1.2		2
1500	0.22	224PSB152K4H	1900	14	4.4	32x33x18	27.5	1.2	10.2	4
1500	0.22	224PSB152K2J	1220	10.5	6.9	42.5x28x17	37.5	1.2		2
1500	0.33	334PSB152K2H	1900	14	4.1	32x37x22	27.5	1.2		2
1500	0.33	334RSB152K2H	1220	12	6	32x33x18	27.5	1.2		2
1500	0.33	334PSB152K4H	1900	18	3.4	32x37x22	27.5	1.2	10.2	4
1500	0.33	334PSB152K2J	1220	12.5	5.4	42.5x30x22	37.5	1.2		2
1500	0.47	474RSB152K2H	1500	14	4.8	32x37x22	27.5	1.2		2
1500	0.47	474RSB152K4H	1500	16.5	4.1	32x37x22	27.5	1.2	10.2	4
1500	0.47	474PSB152K4J	1220	16	3.8	42.5x37x28	37.5	1.2	10.2	4
1500	0.47	474PSB152K2J	1220	14	4.5	42.5x37x28	37.5	1.2		2
1500	0.56	564PSB152K2J	1220	14	4.2	41.5x40x20	37.5	1.2		2
1500	0.56	564PSB152K4J	1220	19.5	3.5	41.5x40x20	37.5	1.2	10.2	4
1500	0.68	684PSB152K4J	1220	20.5	3.2	41.5x44x24	37.5	1.2	10.2	4
1500	0.68	684PSB152K4J	1220	20.5	3.2	42.5x37x28	37.5	1.2	10.2	4
1500	0.68	684RSB152K2J	1000	13	5.5	42.5x33.5x22	37.5	1.2		2
1500	0.68	684PSB152K2JA	1220	14	3.9	41.5x44x24	37.5	1.2		2
1500	0.68	684PSB152K2J	1220	14	3.9	42.5x37x28	37.5	1.2		2
1500	0.75	754PSB152K2J	1220	14	3.6	41.5x44x24	37.5	1.2		2
1500	0.75	754PSB152K4J	1220	23.5	2.9	41.5x44x24	37.5	1.2	10.2	4
1500	1	105PSB152K4J	1220	26	2.6	42.5x45x30	37.5	1.2	20.3	4
1500	1	105RSB152K2J	1000	14	4.8	42.5x37x28	37.5	1.2		2
1500	1	105RSB152K2JA	1000	14	4.8	41.5x44x24	37.5	1.2		2
1500	1	105PSB152K2J	1220	14	3.3	42.5x45x30	37.5	1.2		2
1500	1	105RSB152K4J	1000	18	4.1	42.5x37x28	37.5	1.2	20.3	4
1500	1	105RSB152K4JA	1000	19.5	4.1	41.5x44x24	37.5	1.2	10.2	4
1500	1.2	125PSB152K2R	725	14	3.6	57.5x45x30	52.5	1.2		2
1500	1.2	125PSB152K4R	725	25	2.9	57.5x45x30	52.5	1.2	20.3	4
1500	1.5	155RSB152K2J	1000	14	4	42.5x45x30	37.5	1.2		2
1500	1.5	155RSB152K4J	1000	23	3.3	42.5x45x30	37.5	1.2	20.3	4

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
1500	1.5	155PSB152K2R	725	14	3.3	57.5x50x35	52.5	1.2		2
1500	1.5	155PSB152K4R	725	27	2.6	57.5x50x35	52.5	1.2	20.3	4
1500	1.8	185PSB152K4R	725	27	2.4	57.5x50x35	52.5	1.2	20.3	4
1500	1.8	185PSB152K6R	725	30.5	2.3	57.5x50x35	52.5	1.2	10.2	6
1500	1.8	185PSB152K2R	725	14	3.1	57.5x50x35	52.5	1.2		2
1500	2	205RSB152K2R	575	14	4.3	57.5x45x30	52.5	1.2		2
1500	2	205RSB152K4R	575	22.5	3.6	57.5x45x30	52.5	1.2	20.3	4
1500	2.2	225PSB152K4R	725	27	3	57.5x57.5x38	52.5	1.2	20.3	4
1500	2.2	225RSB152K4R	575	24.5	3.5	57.5x50x35	52.5	1.2	20.3	4
1500	2.2	225RSB152K2R	575	14	4.2	57.5x50x35	52.5	1.2		2
1500	2.5	255RSB152K2R	575	14	4	57.5x50x35	52.5	1.2		2
1500	2.5	255PSB152K4R	725	27	2.2	57.5x57.5x38	52.5	1.2	20.3	4
1500	2.5	255RSB152K4R	575	26	3.3	57.5x50x35	52.5	1.2	20.3	4
1500	2.5	255PSB152K6R	725	35	2.1	57.5x57.5x38	52.5	1.2	10.2	6
1500	3.3	335RSB152K6R	575	31	2.7	57.5x57.5x38	52.5	1.2	10.2	6
1500	3.3	335RSB152K4R	575	27	2.8	57.5x57.5x38	52.5	1.2	20.3	4
2000	0.015	153PSB202K2G	3600	2	38	26.5x16x7	22.5	0.8		2
2000	0.022	223PSB202K2G	3600	3	28	26.5x17x8.5	22.5	0.8		2
2000	0.033	333PSB202K2G	3600	4.5	20.5	26.5x20x11	22.5	0.8		2
2000	0.033	333PSB202K2H	2550	4	23.7	32x20x11	27.5	0.8		2
2000	0.047	473PSB202K2G	3600	5	14.8	26.5x22x13	22.5	0.8		2
2000	0.047	473PSB202K2H	2550	4.5	16.8	32x20x11	27.5	0.8		2
2000	0.068	683PSB202K2H	2550	6	12.1	32x22x13	27.5	0.8		2
2000	0.1	104PSB202K2H	2550	7.5	8.4	32x24.5x15	27.5	1		2
2000	0.15	154PSB202K2H	2550	11	6.5	32x33x18	27.5	1.2		2
2000	0.15	154PSB202K4H	2550	12.5	5.8	32x33x18	27.5	1.2	10.2	4
2000	0.15	154PSB202K2J	1600	9.5	8.1	42.5x28x17	37.5	1.2		2
2000	0.22	224PSB202K2H	2550	14	5.2	32x37x22	27.5	1.2		2
2000	0.22	224RSB202K2H	1900	11	8.1	32x33x18	27.5	1.2		2
2000	0.22	224PSB202K4H	2550	16	4.5	32x37x22	27.5	1.2	10.2	4
2000	0.22	224PSB202K2J	1600	12	5.9	42.5x30x22	37.5	1.2		2
2000	0.33	334RSB202K2H	1900	14	5.8	32x37x22	27.5	1.2		2
2000	0.33	334RSB202K4H	1600	15.5	5.1	32x37x22	27.5	1.2	10.2	4
2000	0.33	334PSB202K4J	1600	17.5	4.2	42.5x37x28	37.5	1.2	10.2	4
2000	0.33	334PSB202K2J	1600	14	4.9	42.5x37x28	37.5	1.2		2
2000	0.33	334RSB202K2J	1600	11	7.4	42.5x30x22	37.5	1.2		2
2000	0.33	334PSB202K2JA	1600	14	4.9	41.5x40x20	37.5	1.2		2
2000	0.33	334PSB202K4JA	1600	18	4.2	41.5x40x20	37.5	1.2	10.2	4
2000	0.47	474PSB202K4JA	1600	21.5	3.4	41.5x44x24	37.5	1.2	10.2	4
2000	0.47	474PSB202K2JA	1600	14	4.1	41.5x44x24	37.5	1.2		2
2000	0.47	474RSB202K2J	1220	13	6.1	42.5x33.5x22	37.5	1.2		2
2000	0.47	474PSB202K2J	1600	14	4.1	42.5x37x28	37.5	1.2		2
2000	0.47	474PSB202K4J	1600	20	3.4	42.5x37x28	37.5	1.2	20.3	4
2000	0.56	564PSB202K4J	1600	23.5	3.1	42.5x45x30	37.5	1.2	20.3	4
2000	0.56	564PSB202K2J	1600	14	3.8	42.5x45x30	37.5	1.2		2
2000	0.68	684RSB202K2J	1220	14	5.4	42.5x37x28	37.5	1.2		2
2000	0.68	684RSB202K2JA	1220	14	5.4	51.5x44x24	37.5	1.2		2
2000	0.68	684RSB202K4JA	1220	18.5	4.7	41.5x44x24	37.5	1.2	10.2	4
2000	0.68	684RSB202K4J	1220	17	4.7	42.5x37x28	37.5	1.2	10.2	4
2000	0.68	684PSB202K2R	930	14	4.4	57.5x45x30	52.5	1.2		2
2000	0.68	684PSB202K4R	930	22	3.6	57.5x45x30	52.5	1.2	20.3	4
2000	0.82	824RSB202K4J	1220	20	4.2	42.5x45x30	37.5	1.2	20.3	4
2000	0.82	824PSB202K6R	580	24	3.1	57.5x45x30	52.5	1.2	10.2	6
2000	0.82	824PSB202K4R	930	23.5	3.2	57.5x45x30	52.5	1.2	20.3	4
2000	0.82	824PSB202K2R	930	14	3.9	57.5x45x30	52.5	1.2		2
2000	1	105RSB202K2J	1220	14	4.5	42.5x45x30	37.5	1.2		2
2000	1	105RSB202K4J	1220	21.5	3.8	42.5x45x30	37.5	1.2	20.3	4
2000	1	105PSB202K2R	930	14	3.6	57.5x50x35	52.5	1.2		2

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
2000	1	105PSB202K4R	930	27	2.9	57.5x50x35	52.5	1.2	20.3	4
2000	1	105PSB202K6R	580	27	2.9	57.5x50x35	52.5	1.2	10.2	6
2000	1.2	125PSB202K6R	930	29.5	2.5	57.5x50x35	52.5	1.2	10.2	6
2000	1.2	125PSB202K4R	930	27	2.6	57.5x50x35	52.5	1.2	20.3	4
2000	1.2	125PSB202K2R	930	14	3.3	57.5x50x35	52.5	1.2		2
2000	1.2	125RSB202K2R	870	14	4.8	57.5x45x30	52.5	1.2		2
2000	1.2	125RSB202K4R	870	21.5	4.1	57.5x45x30	52.5	1.2	20.3	4
2000	1.5	155RSB202K4R	725	24.5	3.7	57.5x50x35	52.5	1.2	20.3	4
2000	1.5	155RSB202K2R	725	14	4.4	57.5x50x35	52.5	1.2		2
2000	1.5	155PSB202K6R	930	33	2.2	57.5x57.5x38	52.5	1.2	10.2	6
2000	1.5	155PSB202K4R	930	27	2.3	57.3x57.5x38	52.5	1.2	20.3	4
2000	1.7	175PSB202K6R	930	34.5	2.1	57.5x57.5x38	52.5	1.2	10.2	6
2000	2.2	225RSB202K6R	725	29.5	3	57.5x55x40	52.5	1.2	10.2	6
2000	2.2	225RSB202K4R	725	27	3.1	57.5x55x40	52.5	1.2	20.3	4
2500	0.0068	682PSB252K2G	4900	1.5	70	26.5x16x7	22.5	0.8		2
2500	0.01	103PSB252K2G	4900	2	51	26.5x17x8.5	22.5	0.8		2
2500	0.015	153PSB252K2G	4900	2.5	36	26.5x18.5x10	22.5	0.8		2
2500	0.022	223PSB252K2G	4900	3.5	26.5	26.5x22x13	22.5	0.8		2
2500	0.022	223PSB252K2H	3350	3.5	30.5	32x20x11	27.5	0.8		2
2500	0.033	333PSB252K2H	3350	4	22.5	32x22x13	27.5	0.8		2
2500	0.047	473PSB252K2H	3350	5.5	16	32x24.5x15	27.5	0.8		2
2500	0.068	683PSB252K2H	3350	8.5	11.3	32x33x18	27.5	1		2
2500	0.1	104PSB252K2H	3350	10.5	7.6	32x33x18	27.5	1.2		2
2500	0.1	104PSB252K4H	3350	11.5	6.9	32x33x18	27.5	1.2		4
2500	0.1	104PSB252K2J	2050	8	11.5	42.5x28x17	37.5	1.2		2
2500	0.15	154RSB252K2J	2550	10	9.1	32x33x18	27.5	1.2		2
2500	0.15	154PSB252K2J	3350	13.5	6	32x37x22	27.5	1.2		2
2500	0.15	154PSB252K4J	3350	14.5	5.3	32x37x22	27.5	1.2	10.2	4
2500	0.15	154PSB252K2J	2050	10.5	7.9	42.5x30x22	37.5	1.2		2
2500	0.22	224RSB252K2H	2550	12.5	7.1	32x37x22	27.5	1.2		2
2500	0.22	224RSB252K2J	1600	10	8.3	42x32x17	27.5	1.2		2
2500	0.22	224PSB252K2JA	2050	14	6	41.5x40x20	37.5	1.2		2
2500	0.22	224PSB252K2J	2050	14	6	42.5x37x28	37.5	1.2		2
2500	0.22	224PSB252K4JA	2050	16	5.3	41.5x40x20	37.5	1.2	10.2	4
2500	0.22	224PSB252K4J	2050	16	5.3	42.5x37x28	37.5	1.2		4
2500	0.3	304PSB252K4J	2050	20	4.1	41.5x44x24	37.5	1.2	10.2	4
2500	0.3	304PSB252K2J	2050	14	4.8	41.5x44x24	37.5	1.2		2
2500	0.33	334PSB252K2J	2050	14	4.6	42.5x45x30	37.5	1.2		2
2500	0.33	334PSB252K2J	2050	14	4.6	42.5x45x30	37.5	1.2		2
2500	0.33	334PSB252K4J	1400	19.5	3.9	42.5x45x30	37.5	1.2		4
2500	0.33	334PSB252K4J	1400	19.5	3.9	42.5x45x30	37.5	1.2		4
2500	0.39	394PSB252K4J	2050	22	3.5	42.5x45x30	37.5	1.2		4
2500	0.39	394PSB252K2J	2050	14	4.4	42.5x45x30	37.5	1.2		2
2500	0.47	474RSB252K2J	1600	14	5.5	42.5x37x28	37.5	1.2		2
2500	0.47	474RSB252K2JA	1600	14	5.5	41.5x44x24	37.5	1.2		2
2500	0.47	474RSB252K4J	1600	16.5	4.8	42.5x37x28	37.5	1.2	10.2	4
2500	0.47	474RSB252K4JA	1600	18	4.8	41.5x44x24	37.5	1.2	10.2	4
2500	0.47	474PSB252K4R	1150	21	4	57.5x45x30	52.5	1.2	20.3	4
2500	0.47	474PSB252K2R	1150	14	4.7	57.5x45x30	52.5	1.2		2
2500	0.56	564PSB252K2R	1150	14	4.3	57.5x45x30	52.5	1.2		2
2500	0.56	564PSB252K4R	1150	22.5	3.6	57.5x45x30	52.5	1.2	20.3	4
2500	0.68	684PSB252K4R	1150	24.5	3.3	57.5x50x35	52.5	1.2	20.3	4
2500	0.68	684RSB252K4R	930	18	5.1	57.5x45x30	52.5	1.2	20.3	4
2500	0.68	684PSB252K6R	750	23	3.6	57.5x50x35	52.5	1.2	10.2	6
2500	0.68	684PSB252K2R	1150	14	4	57.5x50x35	52.5	1.2		2
2500	0.68	684RSB252K2R	930	14	5.8	57.5x45x30	52.5	1.2		2
2500	0.82	824PSB252K2R	1150	14	3.6	57.5x50x35	52.5	1.2		2
2500	0.82	824PSB252K2R	1150	14	3.6	57.5x50x35	52.5	1.2		2

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
2500	0.82	824RSB252K2R	930	14	5.3	57.5x45x30	52.5	1.2		4
2500	0.82	824PSB252K4R	750	26.5	3	57.5x50x35	52.5	1.2	20.3	4
2500	0.82	824PSB252K4R	750	26.5	3	57.5x50x35	52.5	1.2	20.3	4
2500	1	105PSB252K4R	1150	27	2.8	57.5x57.5x38	52.5	1.2	20.3	4
2500	1	105RSB252K2R	930	14	4.9	57.5x50x35	52.5	1.2		2
2500	1	105PSB252K6R	1150	30.5	2.7	57.5x57.5x38	52.5	1.2	10.2	lugs
2500	1.2	125RSB252K2R	930	14	4.4	57.5x50x35	52.5	1.2		2
2500	1.2	125RSB252K4R	930	25	3.7	57.5x50x35	52.5	1.2	20.3	4
2500	1.5	155RSB252K4R	930	27	3.3	57.5x57.5x38	52.5	1.2	20.3	4
2500	1.5	155RSB252K6R	930	29	3.2	57.5x57.5x38	52.5	1.2	10.2	6
3000	0.0047	472PSB302K2G	6300	1.5	87	26.5x16x7	22.5	0.8		2
3000	0.0068	682PSB302K2G	6300	2	64	26.5x17x8.5	22.5	0.8		2
3000	0.01	103PSB302K2G	6300	2.5	46	26.5x20x11	22.5	0.8		2
3000	0.01	103PSB302K2H	4350	2.5	54	32x20x11	27.5	0.8		2
3000	0.015	153PSB302K2G	6300	3	33	26.5x22x13	22.5	0.8		2
3000	0.015	153PSB302K2H	4350	3	38	32x20x11	27.5	0.8		2
3000	0.022	223PSB302K2H	4350	4	26.5	32x22x13	27.5	0.8		2
3000	0.033	333PSB302K2H	4350	5	19	32x24.5x15	27.5	0.8		2
3000	0.033	333PSB302K4H	2750	7	18.3	32x33x18	27.5	1.2	5.1	4
3000	0.047	473PSB302K4H	4350	8.5	13.3	32x33x18	27.5	1.2	10.2	4
3000	0.047	473PSB302K2H	4350	7.5	14	32x33x18	27.5	1		2
3000	0.068	683PSB302K2H	4350	10	10.4	32x37x22	27.5	1.2		2
3000	0.068	683PSB302K4H	4350	11	9.6	32x37x22	27.5	1.2	10.2	4
3000	0.068	683PSB302K2J	2500	7.5	12.3	42.5x28x17	37.5	1.2		2
3000	0.1	104RSB302K2H	3350	9	11	32x33x18	27.5	1.2		2
3000	0.1	104PSB302K2J	2500	9.5	9.3	42.5x30x22	37.5	1.2		2
3000	0.1	104RSB302K2J	2050	7	15.5	42.5x28x14	37.5	1.2		2
3000	0.1	104PSB302K4J	2500	10.5	8.6	42.5x30x22	37.5	1.2	10.2	4
3000	0.12	124PSB302K4J	2500	13.5	7.6	41.5x40x20	37.5	1.2	10.2	4
3000	0.12	124PSB302K2J	2500	12	8.3	41.5x40x20	37.5	1.2		2
3000	0.15	154RSB302K2H	3350	10	9.1	32x37x22	27.5	1.2		2
3000	0.15	154RSB302K2H	3350	12	8.5	32x37x22	27.5	1.2		2
3000	0.15	154RSB302K2J	2050	9	10.8	42x32x17	37.5	1.2		2
3000	0.15	154PSB302K2J	2500	14	6.7	42.5x37x28	37.5	1.2		2
3000	0.15	154PSB302K2JA	2500	14	6.7	41.5x44x24	37.5	1.2		2
3000	0.15	154PSB302K4JA	2500	16	6	41.5x44x24	37.5	1.2	10.2	4
3000	0.15	154PSB302K4J	2500	15	6	42.5x37x28	37.5	1.2	20.3	4
3000	0.18	184PSB302K4J	2500	17.5	5.3	41.5x44x24	37.5	1.2	10.2	4
3000	0.18	184PSB302K2J	2500	14	6	41.5x44x24	37.5	1.2		2
3000	0.22	224RSB302K2J	2050	12.5	8.1	42.5x37x28	37.5	1.2		2
3000	0.22	224RSB302K4J	2050	13.5	7.4	42.5x37x38	37.5	1.2	10.2	4
3000	0.22	224RSB302K4JA	2050	14	7.4	41.5x40x20	37.5	1.2	10.2	4
3000	0.22	224PSB302K2J	2050	14	5.1	42.5x45x30	37.5	1.2		2
3000	0.22	224RSB302K2JA	2050	12.5	8.1	41.5x40x20	37.5	1.2		2
3000	0.22	224RSB302K2J	2050	12.5	8.1	42.5x37x28	37.5	1.2		2
3000	0.22	224PSB302K4J	2050	18.5	4.4	42.5x45x30	37.5	1.2	20.3	4
3000	0.33	334RSB302K2J	2050	14	6.2	42.5x45x30	37.5	1.2		2
3000	0.33	334RSB302K4J	2050	18	5.5	42.5x45x30	37.5	1.2	10.2	4
3000	0.33	334PSB302K2R	900	14	5.1	57.5x45x30	52.5	1.2		2
3000	0.33	334PSB302K4R	1120	20.5	4.4	57.5x45x30	52.5	1.2	20.3	4
3000	0.47	474PSB302K4R	1400	23.5	3.9	57.5x50x35	52.5	1.2	20.3	4
3000	0.47	474PSB302K2R	1400	14	4.6	57.5x50x35	52.5	1.2		2
3000	0.47	474RSB302K2R	1150	14	6.6	57.5x45x30	52.5	1.2		2
3000	0.47	474RSB302K4R	1150	18	5.9	57.5x45x30	52.5	1.2	10.2	4
3000	0.63	634PSB302K4R	1400	26.5	3.5	57.5x57.5x38	52.5	1.2	20.3	4
3000	0.63	634PSB302K6R	1400	27.5	3.4	57.5x57.5x38	52.5	1.2	10.2	6
3000	0.68	684RSB302K4R	1150	20.5	5.2	57.5x50x35	52.5	1.2	20.3	4
3000	0.68	684RSB302K2R	1150	14	5.9	57.5x50x35	52.5	1.2		2

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PSB_RSB

2,4,6 Radial Lead, High Current/low ESR

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
3000	0.82	824RSB302K2R	930	14	5.3	57.5x50x35	52.5	1.2		2
3000	0.82	824RSB302K4R	1150	22.5	4.6	57.5x50x35	52.5	1.2	20.3	4
3000	1	105RSB302K6R	1150	26.5	3.9	57.5x57.5x38	52.5	1.2	10.2	6
3000	1	105RSB302K4R	930	25	4	57.5x57.5x38	52.5	1.2	20.3	4

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PMB/RMB

Metallized Polypropylene Film Capacitors

IGBT Direct Mount with Double-sided Electrodes

FEATURES Power Semiconductor Module Protection - High Pulse and rms Current – Multiple Lug Styles

APPLICATIONS Inverters – converters – UPS – Switching power supplies

Operating Temperature Range	**PMB: -40°C to +100°C, observing voltage and current de-rating** **RMB: -40°C to +85°C**								
Capacitance Tolerance	±10% at 1 kHz, 25°C ±5% optional								
Non-Recurrent SVDC	**WVDC**	**700**	**850**	**1000**	**1200**	**1500**	**2000**	**2500**	**3000**
	VAC (RMB)	1100	1300 (1200)	1550 (1300)	1750 (1600)	2200	2600 (2400)	3300	4000 (3500)
AC voltage (50/60 Hz)	**WVDC**	**700**	**850**	**1000**	**1200**	**1500**	**2000**	**2500**	**3000**
	VAC	420	500	575	630	650	700	725	750
	For T>+85°C , The voltage (DC/AC)must be decreased by (1.5/2.5)% per °C								

Dissipation Factor (MAX) 25°C	**Frequency (kHz)**	**C≤1uF**	**0.1<C≤1uF**	**1<C≤5.6uF**	**5.6<C≤9uF**	**C>9uF**
	1	0.06%	0.5%	0.06%	0.07%	0.09%

Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied	**Insulation Resistance**	
	30000 MΩxuF (not to exceed 30GΩ)	
Self Inductance	<1 nano-Henry per mm of lead spacing	
Capacitance Drift Factor	<0.5% after 2 years at 40°C	
Life Expectancy	100000 Hours @WVDC 30000 Hours @ VAC	
	Capacitance Change	≤3% of initially measured value
Failure quota	300/ Billion component hours	
Damp Heat test	**56 days at40°C with 90 to 95%RH, +40°C and no voltage applied**	
	Capacitance Change	≤2% of initially measured value
	Dissipation Factor	≤0.001 at 1kHz and 25°C
	Insulation Resistance	≥50% of maximum specified value
Self Inductance	<1 nano-Henry per mm of lead spacing	
Capacitance Drift Factor	<0.5% after 2 years at 40°C	
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C	

Dielectric Strength	**Terminal to Terminal**	**Terminal to case**
	160% of rated VDC for 60 seconds/200% VDC applied for 2 Seconds and 25°C	3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C

Dielectric	Polypropylene
Construction	Double Metallized film with internal series connections
Coating	Flame Retardant plastic box with epoxy resin (UL94V-0)
Leads	Lead free tinned copper leads

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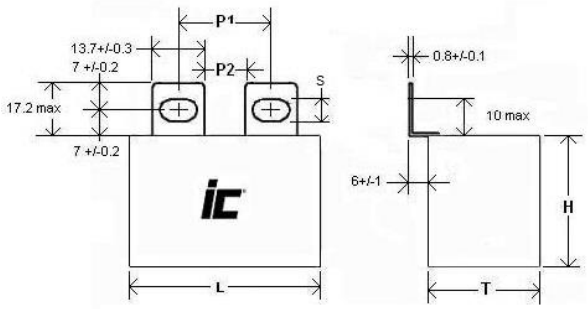
PMB/RMB

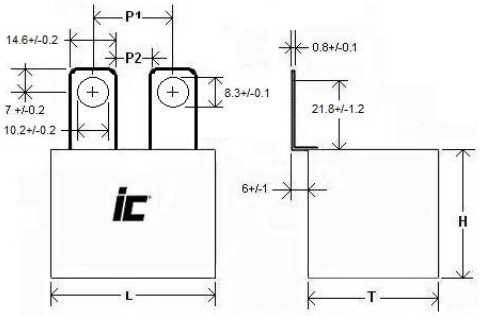
Metallized Polypropylene Film Capacitors

IGBT Direct Mount with Double-sided Electrodes

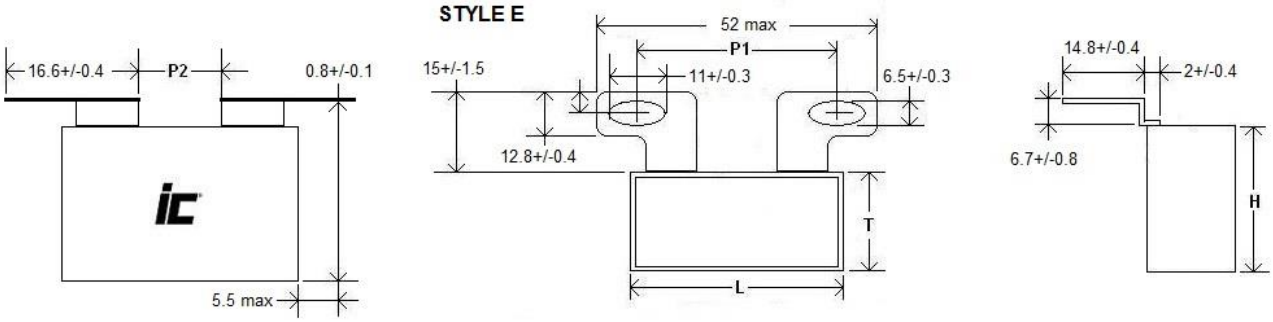
STYLE S, SM8, T ,TM8



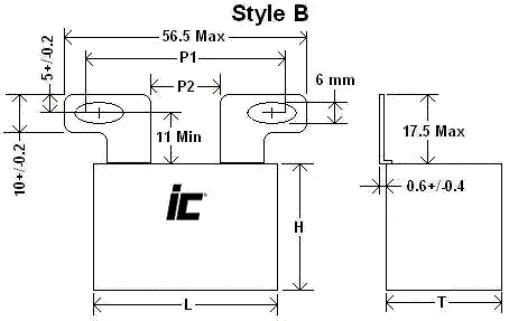
STYLE L



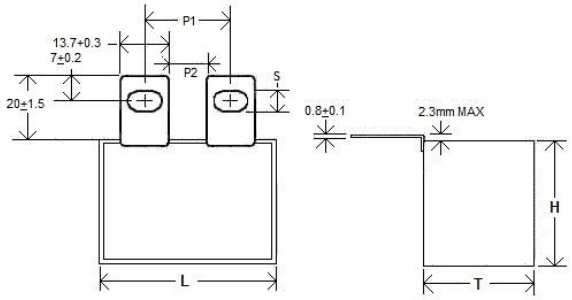
STYLE E



Style B



Style F, FM8, G, GM8



L=42.5mm, P1=23 to 28mm, P2=11mm MIN
L=57.5mm, P1=37 to 42mm, P2=24mm MIN

Fixing pitch and distance between lugs (mm)				
Lugs	L	P1	P2	S
S,V,F	42 - 42.5	23 - 28	11	6
	57.5	37 - 42	24	6
SM8,VM8, FM8	42 - 42.5	25 – 26	11	8
	57.5	39 - 40	24	8
T,W,G	42 - 42.5	20 – 25	8	6
	57.5	34 – 39	21	6
TM8,WM8,GM8	42 - 42.5	22 – 23	8	8
	57.5	36 – 37	21	8
N,P	57.5	23 – 28	11	6
NM8, PM8	57.5	25 - 26	11	8
A	40 - 42.5	53.5 – 63	----	8
	57.5	68.5 – 77	---	8
B	42 - 42.5	32 – 45	17	6
E	42 - 42.5	30 - 37	15	6
L	42 - 42.5	22 - 24	8	6
	57.5	36 - 38	21	8

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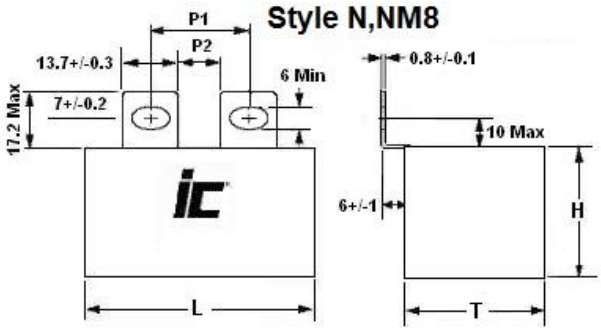
PMB/RMB

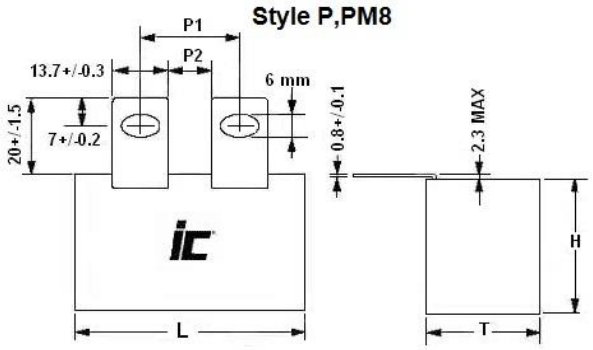
Metallized Polypropylene Film Capacitors

IGBT Direct Mount with Double-sided Electrodes

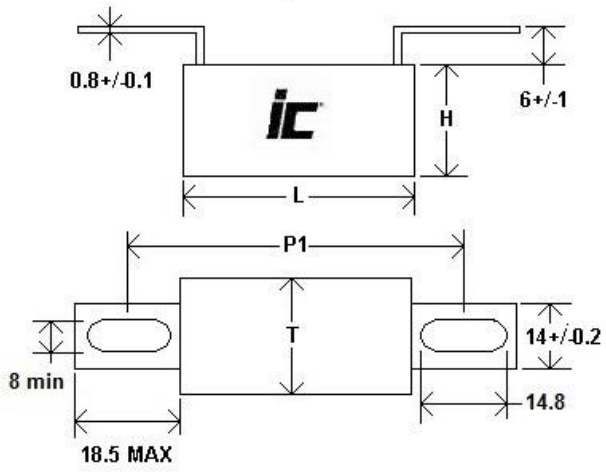
Style N,NM8



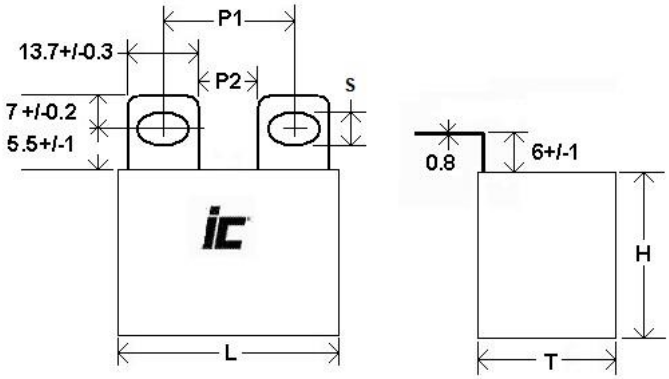
Style P,PM8



Style A



Style V, VM8, W WM8



L=42.5, P1= 23 to 28mm, P2= 11 mm MIN
L=57.5, P1=37 to 42mm, P2= 24 mm MIN

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PMB_RMB

Metallized Polypropylene, Power Semiconductor Direct Mount Snubber Lug terminals

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
700	1	105PMB700K#	600	16.5	3.3	42.5x28x17
700	1.2	125PMB700K#P2	600	18	3.1	42.5x27.5x24.5
700	1.2	125PMB700KA#	600	18	3.1	42x32x17
700	1.5	155PMB700K#	600	20	2.8	42.5x33.5x22
700	1.5	155RMB700K#	455	13.5	4.7	42.5x28x17
700	2	205PMB700K#P1	600	23.5	2.5	42.5x35.5x33.5
700	2.2	225PMB700K#	600	24.5	2.4	42.5x35.5x33.5
700	2.2	225PMB700K#	600	24.5	2.4	42.5x35.5x33.5
700	2.2	225PMB700KA#	600	24.5	2.4	42.5x37x28
700	2.2	225RMB700K#	455	16.5	3.7	42.5x30x22
700	2.5	255PMB700K#P1	600	25.5	2.2	42.5x35.5x33.5
700	2.5	255RMB700K#	455	18	3.5	42.5x33.5x22
700	3	305PMB700K#P0	600	28.5	2.1	42.5x45x33
700	3	305PMB700KA#	600	28.5	2.1	42.5x45x30
700	3.3	335PMB700K#	600	28	2.1	42.5x45x33
700	3.3	335PMB700K#	600	29.5	2.1	42.5x45x33
700	3.3	335PMB700KA#	600	29.5	2.1	42.5x45x30
700	3.3	335RMB700K#	455	21	3.1	42.5x35.5x33.5
700	3.5	355PMB700K#P0	600	31.5	2	42.5x45x33
700	4	405PMB700K#	360	29	2.3	57.5x45x30
700	4	405RMB700K#	455	24	2.7	42.5x35.5x33.5
700	4.7	475PMB700K#	360	32.5	2.1	57.5x50x35
700	4.7	475RMB700K#	455	26.5	2.6	42.5x45x30
700	5	505PMB700K#	360	32	2.1	57.5x50x35
700	5	505PMB700K#	360	33	2.1	57.5x50x35
700	5	505RMB700K#	455	27.5	2.6	42.5x45x30
700	5.6	565PMB700K#	360	34	2	57.5x50x35
700	5.6	565RMB700K#	455	29.5	2.3	42.5x45x33
700	6.3	635PMB700K#	360	35.5	1.8	57.5x50x35
700	6.8	685PMB700K#	360	37.5	1.7	57.5x57.5x38
700	6.8	685RMB700K#	285	25	3.1	57.5x45x30
700	7.5	755RMB700K#	285	27	2.8	57.5x45x30
700	8	805RMB700K#	360	39.5	1.6	57.5x57.5x38
700	10	106RMB700K#	285	31.5	2.4	57.5x50x35
700	12	126RMB700K#	285	36.5	2.1	57.5x57.5x38
850	0.68	684PMB850K#	750	15	3.5	42.5x28x17
850	0.82	824PMB850K#	750	17	3.1	42.5x27.5x24.5
850	0.82	824PMB850KA#	750	17.5	3.1	42x32x17
850	1	105PMB850K#P2	750	19	2.7	42.5x27.5x24.5
850	1	105RMB850K#	600	13.5	4.9	42x32x14
850	1.5	155PMB850K#P1	750	24.5	2.2	42.5x35.5x33.5
850	1.5	155RMB850K#	600	16	4.5	42.5x33.5x22
850	1.75	175PMB850K#P1	750	26.5	2.1	42.5x35.5x33.5
850	1.75	175PMB850KA#	750	26.5	2.1	42.5x37x28
850	2	205PMB850K#P0	750	28.5	2	42.5x45x33
850	2	205PMB850KA#	750	28.5	2	42.5x45x30
850	2.2	225PMB850K#P0	750	29.5	2	42.5x45x33
850	2.2	225RMB850K#	600	19	4	42.5x35.5x33.5
850	2.2	225RMB850KA#	600	20	4	42.5x37x28
850	2.5	255PMB850K#P0	750	31.5	1.9	42.5x45x33
850	2.5	255RMB850K#	600	21	3.6	42.5x35.5x33.5
850	3	305PMB850K#	450	29.5	2.2	57.5x45x30
850	3	305RMB850K#	600	24.5	3.1	42.5x45x30
850	3.3	335PMB850K#	450	31	2.1	57.5x45x30
850	3.3	335RMB850K#	600	25.5	3.1	42.5x45x30
850	3.5	355RMB850K#	600	26.5	3	42.5x45x33
850	4	405PMB850K#	450	34	1.9	57.5x50x35
850	4	405RMB850K#	360	25	3.3	57.5x45x30

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
850	4.7	475PMB850K#	450	36.5	1.8	57.5x50x35
850	5	505PMB850K#	360	37.5	1.8	57.5x57.5x38
850	5.6	565PMB850K#	450	39	1.6	57.5x57.5x38
850	5.6	565RMB850K#	360	29.5	2.9	57.5x50x35
850	6	605RMB850K#	450	39.5	1.6	57.5x57.5x38
850	6.8	685RMB850K#	360	31.5	2.6	57.5x57.5x38
850	8	805RMB850K#	360	35	2.3	57.5x57.5x38
1000	0.47	474PMB102K#	870	15	3.9	42.5x28x17
1000	0.68	684PMB102K#P2	870	17	3.3	42.5x27.5x24.5
1000	0.68	684RMB102K#	750	13.5	4.9	42.5x28x17
1000	0.75	754PMB102K#P2	870	18.5	3.1	42.5x27.5x24.5
1000	1	105RMB102K#	750	16.5	3.9	42.5x27.5x24.5
1000	1.2	125PMB102K#P1	870	23.5	2.5	42.5x35.5x33.5
1000	1.2	125PMB102KA#	870	24	2.5	42.5x37x28
1000	1.5	155PMB102K#P1	870	26	2.2	42.5x35.5x33.5
1000	1.75	175PMB102K#P0	870	28	2.1	42.5x45x33
1000	1.75	175RMB102K#	750	22	3.1	42.5x37x28
1000	2	205PMB102K#P0	870	29.5	2	42.5x45x33
1000	2	205PMB102KA#	870	29.5	2	42.5x45x30
1000	2.2	225PMB102K#	500	27.5	2.5	57.5x45x30
1000	2.2	225RMB102K#	750	25.5	3	42.5x45x33
1000	2.2	225RMB102KA#	750	25.5	3	42.5x45x30
1000	2.5	255RMB102K#	750	26.5	2.8	42.5x45x33
1000	3	305PMB102K#	500	32.5	2.1	57.5x50x35
1000	3	305RMB102K#	450	25	3.1	57.5x45x30
1000	3.3	335PMB102K#	1650	34.5	2	57.5x50x35
1000	3.3	335RMB102K#	450	26.5	3	57.5x45x30
1000	4	405RMB102K#	450	29.5	2.7	57.5x50x35
1000	4.7	475PMB102K#	500	34	1.7	57.5x57.5x38
1000	4.7	475RMB102K#	450	31.5	2.6	57.5x50x35
1000	5.6	565RMB102K#	450	33.5	2.4	57.5x57.5x38
1000	6	605RMB102K#	450	34.5	2.3	57.5x57.5x38
1200	0.33	334PMB122K#P2	1000	12.5	5.1	42.5x27.5x24.5
1200	0.33	334PMB122KB#	1000	12	5.1	42.5x28x17
1200	0.39	394PMB122K#P2	1000	14	4.6	42.5x27.5x24.5
1200	0.39	394PMB122KB#	1000	13.5	4.6	42.5x28x17
1200	0.47	474PMB122K#P2	1000	15	4.1	42.5x27.5x24.5
1200	0.47	474PMB122KA#	1000	15	4.1	42.5x32x17
1200	0.47	474RMB122K#	870	12.5	5.6	42.5x28x17
1200	0.56	564PMB122K#P2	1000	16	3.7	42.5x27.5x24.5
1200	0.68	684PMB122K#P1	1000	20	3.3	42.5x35.5x33.5
1200	0.68	684PMB122KA#	1000	20	3.3	42.5x33.5x22
1200	0.68	684RMB122K#	870	15	4.6	42.5x30x22
1200	0.82	824PMB122K#P1	1000	21	3	42.5x35.5x33.5
1200	1	105PMB122K#P1	1000	22.5	2.7	42.5x35.5x33.5
1200	1	105PMB122KA#	1000	23.5	2.7	42.5x37x28
1200	1.2	125PMB122K#P0	1200	25	2.4	42.5x45x33
1200	1.2	125PMB122KA#	1000	26	2.4	42.5x45x30
1200	1.2	125RMB122K#	870	20.5	3.6	42.5x35.5x33.5
1200	1.2	125RMB122K#	1000	25	2.4	42.5x35.5x33.5
1200	1.2	125RMB122KA#	870	21	3.6	42.5x37x28
1200	1.5	155PMB122K#P0	1000	28.5	2.1	42.5x45x33
1200	1.5	155RMB122K#	870	22	3.2	42.5x35.5x33.5
1200	2	205PMB122K#	575	28.5	2.4	57.5x45x30
1200	2	205RMB122K#	870	26.5	2.9	42.5x45x33
1200	2	205RMB122KA#	870	26.5	2.9	42.5x45x30
1200	2.2	225PMB122K#	575	31.5	2.3	57.5x50x35
1200	2.2	225RMB122K#	500	24	3.6	57.5x45x30

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PMB_RMB

Metallized Polypropylene, Power Semiconductor Direct Mount Snubber Lug terminals

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
1200	2.5	255PMB122K#	575	34	2.1	57.5x50x35
1200	2.5	255RMB122K#	500	26	3.4	57.5x45x30
1200	3	305RMB122K#	500	28	3	57.5x50x35
1200	3.3	335PMB122K#	575	37.5	1.9	57.5x57.5x38
1200	3.3	335RMB122K#	500	29.5	2.9	57.5x50x35
1200	3.5	355PMB122K#	575	38.5	1.9	57.5x57.5x38
1200	4	405RMB122K#	500	31	2.5	57.5x57.5x38
1200	4.7	475RMB122K#	500	34	2.3	57.5x57.5x38
1500	0.22	224PMB152K#	1220	12	6.1	42.5x28x17
1500	0.33	334PMB152K#P2	1220	14	4.6	42.5x27.5x24.5
1500	0.33	334PMB152KA#	1220	14.5	4.6	42x32x17
1500	0.39	394PMB152K#	1000	11.6	6.6	42.5x28x17
1500	0.39	394PMB152K#P2	1220	16	4.2	42.5x27.5x24.5
1500	0.47	474PMB152K#P1	1220	18.5	3.7	42.5x35.5x33.5
1500	0.47	474PMB152KA#	1220	18.5	3.7	42.5x33.5x22
1500	0.47	474RMB152K#	1000	13.5	5.8	41x32x18
1500	0.56	564RMB152K#	1000	14.5	5.1	42.5x30x22
1500	0.56	564RMB152KA#	1000	14.5	5.1	42.5x27.5x24.5
1500	0.68	684PMB152K#P1	1220	21.5	3.1	42.5x35.5x33.5
1500	0.68	684PMB152KA#	1220	22	3.1	42.5x37x28
1500	0.68	684RMB152K#	1000	15.5	4.7	42.5x33.5x22
1500	0.75	754PMB152K#P1	1220	23	2.8	42.5x35.5x33.5
1500	1	105PMB152K#P0	1220	26.5	2.5	42.5x45x33
1500	1	105RMB152K#	1000	19.5	4	42.5x37x28
1500	1.2	125PMB152K#	870	26.5	2.8	57.5x45x30
1500	1.2	125RMB152K#	1200	23.5	3.5	42.5x45x30
1500	1.5	155PMB152K#	725	30	2.5	57.5x50x35
1500	1.5	155RMB152K#	1000	25.5	3.2	42.5x45x33
1500	1.8	185PMB152K#	725	32	2.3	57.5x50x35
1500	2	205RMB152K#	575	24.5	3.5	57.5x45x30
1500	2.2	225PMB152K#	725	34.5	2.2	57.5x57.5x38
1500	2.2	225RMB152K#	575	26.5	3.4	57.5x50x35
1500	2.5	255RMB152K#	575	28.5	3.2	57.5x50x35
1500	3	305RMB152K#	575	30	2.9	57.5x57.5x38
1500	3.3	335RMB152K#	575	31.5	2.8	57.5x57.5x38
2000	0.1	104PMB202K#	1600	8.5	12.5	42.5x28x17
2000	0.1	104PMB202K#P2	1600	8.5	12.5	42.5x27.5x24.5
2000	0.15	154PMB202K#P2	1600	11	7.4	42.5x27.5x24.5
2000	0.15	154PMB202KA#	1600	11	7.4	42.5x28x14
2000	0.22	224PMB202K#P2	1600	14	5.1	42.5x27.5x24.5
2000	0.22	224PMB202KA#	1600	14	5.1	42x32x17
2000	0.22	224RMB202K#	1220	10.5	8.8	42.5x28x17
2000	0.33	334PMB202K#P1	1600	18	4.1	42.5x35.5x33.5
2000	0.33	334RMB202K#	1220	13	6.6	42.5x27.5x24.5
2000	0.39	394PMB202K#P1	1000	20.5	3.7	42.5x35.5x33.5
2000	0.39	394PMB202KA#	1600	20.5	3.7	42.5x37x28
2000	0.39	394PMB252K#	2050	23.5	3.4	42.5x45x30
2000	0.39	394RMB202K#	1220	14	6.1	42.5x33.5x22
2000	0.47	474PMB202K#P0	1600	22	3.3	42.5x45x33
2000	0.47	474PMB202KA#	1600	22	3.3	42.5x45x30
2000	0.47	474RMB202K#	1220	16.5	5.3	42.5x35.5x33.5
2000	0.56	564PMB202K#P0	1600	24.5	3	42.5x45x33
2000	0.56	564PMB202KA#	1600	24.5	3	42.5x45x30
2000	0.56	564RMB202K#	1220	17.5	4.9	42.5x37x28

WVDC	Capacitance (µF)	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
2000	0.68	684PMB202K#	930	23	3.5	57.5x45x30
2000	0.68	684RMB202K#	1220	18.5	4.6	42.5x35.5x33.5
2000	0.82	824PMB202K#	930	24.5	3.1	57.5x45x30
2000	0.82	824RMB202KA#	1220	21.5	4.1	42.5x45x33
2000	1	105PMB202K#	930	28	2.8	57.5x50x35
2000	1	105RMB202K#	1220	23.5	3.7	42.5x45x33
2000	1.2	125PMB202K#	930	31.5	2.5	57.5x50x35
2000	1.2	125RMB202K#	725	23	4	57.5x45x30
2000	1.5	155PMB202K#	930	35	2.2	57.5x57.5x38
2000	1.5	155RMB202K#	725	26.5	3.6	57.5x50x35
2000	2.2	225RMB202K#	725	30.5	3	57.5x57.5x38
2500	0.1	104PMB252K#P2	2050	9	11	42.5x27.5x24.5
2500	0.1	104PMB252KB#	2050	9	11	42.5x28x17
2500	0.15	154PMB252K#P2	2050	12	7.1	42.5x27.5x24.5
2500	0.15	154RMB252K#	1600	9.5	10.7	42.5x28x14
2500	0.22	224PMB252K#P1	2050	16	5.2	42.5x35.5x33.5
2500	0.22	224RMB252K#	1600	11.5	7.3	42x32x17
2500	0.22	224RMB252KA#	1600	11.5	7.3	42.5x27.5x24.5
2500	0.27	274PMB252K#	2050	18	4.5	42.5x37x28
2500	0.27	274RMB252K#	1600	13.5	6.1	42.5x33.5x22
2500	0.33	334PMB252K#P1	2050	19	3.8	42.5x35.5x33.5
2500	0.47	474PMB252K#P0	2050	26	3.1	42.5x45x33
2500	0.47	474RMB252K#	1600	19.5	4.7	42.5x45x30
2500	0.56	564PMB252K#	1150	23.5	3.5	57.5x45x30
2500	0.68	684PMB252K#	1150	26	3.2	57.5x50x35
2500	0.68	684RMB252K#	930	20	5	57.5x45x30
2500	0.82	824PMB252K#	1150	29	2.9	57.5x50x35
2500	0.82	824RMB252K#	930	22	4.5	57.5x45x30
2500	1	105PMB252K#	1150	32	2.7	57.5x57.5x38
2500	1	105RMB252K#	930	24	4.1	57.5x50x35
2500	1.2	125RMB252K#	930	26	3.6	57.5x50x35
2500	1.5	155RMB252K#	930	30	3.2	57.5x57.5x38
3000	0.047	473PMB302K#P2	2500	7.5	16.5	42.5x27.5x24.5
3000	0.047	473PMB303KB#	2500	7	16.5	42.5x28x17
3000	0.068	683PMB302K#P2	2500	9	11.5	42.5x27.5x24.5
3000	0.1	104PMB302K#P1	2500	12.5	8.5	42.5x35.5x33.5
3000	0.1	104PMB302KA#	2500	12.5	8.5	42.5x30x22
3000	0.1	104RMB302K#	2050	7.5	11.5	42.5x28x17
3000	0.15	154PMB302K#P1	2500	15.5	5.9	42.5x35.5x33.5
3000	0.15	154PMB302KA#	2500	15.5	5.9	42.5x37x28
3000	0.15	154RMB302K#	2050	10.5	10.2	42.5x30x22
3000	0.22	224PMB302K#P0	2500	21	4.3	42.5x45x33
3000	0.22	224RMB302K#	2050	14.5	7.3	42.5x35.5x33.5
3000	0.22	224RMB302K#	2050	14.5	7.3	42.5x35.5x33.5
3000	0.22	224RMB302KA#	2050	14.5	7.3	42.5x37x28
3000	0.33	334PMB302K#	1400	21.5	4.3	57.5x45x30
3000	0.33	334RMB302K#	2050	17	5.4	42.5x35.5x33.5
3000	0.47	474PMB302K#	1400	26	3.8	57.5x50x35
3000	0.47	474RMB302K#	2050	21.5	4.3	42.5x45x33
3000	0.56	564PMB302K#	1400	29	3.5	57.5x57.5x38
3000	0.68	684PMB302KB#	2500	9	11.5	42.5x28x14
3000	0.68	684RMB302K#	1150	22	5.1	57.5x50x35
3000	0.82	824RMB302K#	1150	24.5	4.5	57.5x50x35
3000	1	105RMB302K#	1150	28	3.9	57.5x57.5x38

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