

LMB

+105°C 3000 hour Snap mount Aluminum Electrolytic Capacitors



Features

- Standard case sizes
- Multiple case sizes
- Lead free leads
- High ripple current

Applications

- Bypass
- Coupling
- Filtering
- De-coupling

Specifications

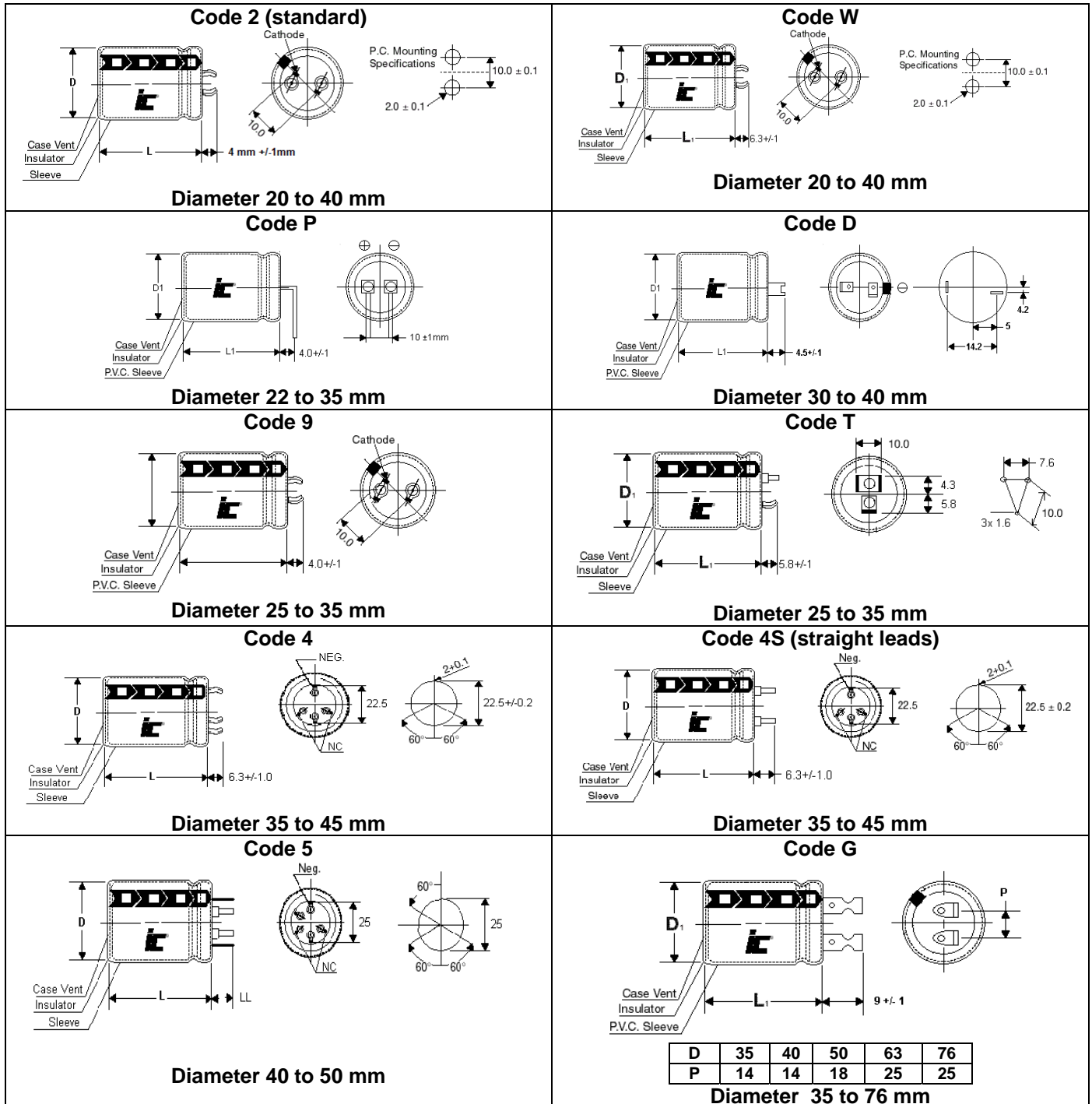
Operating Temperature Range		-40°C to +105°C													
Capacitance Tolerance		+20% at 120 Hz, 20°C													
Surge voltage	WVDC	16	25	35	50	63	100	160	200	250	350	400	450		
	SVDC	20	32	44	63	79	125	200	250	300	400	450	500		
Dissipation Factor	WVDC	16	25	35	50	50	63	63	100	100	160 to 450				
	Capacitance	all	all	all	<6800	>6800	<6800	>6800	all	all	all				
	Tan δ	.5	.4	.35	.3	.25	.25	.35	.2	.25	.15				
Leakage current		5 Minutes													
		.02CV or 2000uA, Whichever is greater													
Low temperature stability Impedance ratio (120 Hz)	WVDC	16	25	35	50	63	80	100	160	200	250	350	400	450	
	-25°C to +20°C	6	6	6	4	3	3	3	4	4	4	6	6	6	
	-40°C to +20°C	15	15	10	6	6	6	6	-	-	-	-	-	-	
Load Life		3000 hours at 105°C with rated WVDC and ripple current applied													
		Capacitance change	<20% of initial measured value												
		Dissipation factor	<175% 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	<175% of maximum specified value												
		Leakage current	<100% of maximum specified value												
Ripple Current Multipliers		Frequency (Hz)						Temperature (°C)							
		WVDC	50	120	300	1k	10k	50k	+105	+85	+70	+60	+40		
		≤ 100V	.8	1.0	1.1	1.2	1.2	1.2	1	1.7	2	2.2	2.4		
		≥ 160V	.8	1.0	1.1	1.3	1.4	1.4	1	1.7	2	2.2	2.4		



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105°C 3000 hour snap-mount aluminum electrolytic capacitors

Lead Style Options



LMB

+105°C, Extended life, 3000 hours

Capacitance (µF)	VVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
47	450	476LMB450M2BC	5291.06	0.39	22x25
68	400	686LMB400M2BC	3657.05	0.53	22x25
68	450	686LMB450M2BD	3657.05	0.54	22x30
68	450	686LMB450M2CC	3657.05	0.5	25x25
82	350	826LMB350M2BC	3032.68	0.43	22x25
82	400	826LMB400M2BD	3032.68	0.56	22x30
82	400	826LMB400M2CC	3032.68	0.56	25x25
82	450	826LMB450M2CD	3032.68	0.6	25x30
82	450	826LMB450M2BE	3032.68	0.61	22x35
100	350	107LMB350M2BD	2486.8	0.51	22x30
100	350	107LMB350M2CC	2486.8	0.51	25x25
100	400	107LMB400M2BD	2486.8	0.68	22x30
100	400	107LMB400M2CC	2486.8	0.68	25x25
100	450	107LMB450M2DC	2486.8	0.68	30x25
100	450	107LMB450M2BE	2486.8	0.69	22x35
100	450	107LMB450M2CE	2486.8	0.7	25x35
120	350	127LMB350M2BD	2072.33	0.55	22x30
120	350	127LMB350M2CC	2072.33	0.55	25x25
120	400	127LMB400M2CC	2072.33	0.73	25x25
120	400	127LMB400M2DC	2072.33	0.75	30x25
120	400	127LMB400M2BE	2072.33	0.72	22x35
120	450	127LMB450M2BG	2072.33	0.8	22x45
120	450	127LMB450M2CE	2072.33	0.77	25x35
120	450	127LMB450M2DD	2072.33	0.8	30x30
120	450	127LMB450M2EC	2072.33	0.82	35x25
150	350	157LMB350M2DC	1657.86	0.69	30x25
150	350	157LMB350M2BE	1657.86	0.66	22x35
150	350	157LMB350M2CD	1657.86	0.67	25x30
150	400	157LMB400M2CD	1657.86	0.85	25x30
150	400	157LMB400M2DC	1657.86	0.9	30x25
150	400	157LMB400M2BF	1657.86	0.85	22x40
150	450	157LMB450M2DE	1657.86	0.96	30x35
150	450	157LMB450M2ED	1657.86	0.99	35x30
150	450	157LMB450M2CF	1657.86	0.96	25x40
180	350	187LMB350M2BF	1381.55	0.77	22x40
180	350	187LMB350M2CE	1381.55	0.78	25x35
180	350	187LMB350M2DD	1381.55	0.82	30x30
180	400	187LMB400M2BG	1381.55	0.98	22x45
180	400	187LMB400M2CE	1381.55	1	25x35
180	400	187LMB400M2DD	1381.55	0.99	30x30
180	400	187LMB400M2EC	1381.55	1.01	35x25
180	450	187LMB450M2CF	1381.55	1.1	25x40
180	450	187LMB450M2DE	1381.55	1.05	30x35
180	450	187LMB450M2ED	1381.55	1.08	35x30
220	200	227LMB200M2BC	1130.36	0.97	22x25
220	250	227LMB250M2BC	1130.36	0.94	22x25
220	250	227LMB250M2CC	1130.36	0.91	25x25
220	350	227LMB350M2BH	1130.36	0.94	22x50
220	350	227LMB350M2CF	1130.36	0.91	25x40
220	350	227LMB350M2DD	1130.36	0.9	30x30
220	350	227LMB350M2EC	1130.36	0.92	35x25
220	400	227LMB400M2CF	1130.36	1.15	25x40
220	400	227LMB400M2DD	1130.36	1.1	30x30
220	400	227LMB400M2EC	1130.36	1.1	35x25
220	450	227LMB450M2DE	1130.36	1.22	30x35
220	450	227LMB450M2EE	1130.36	1.27	35x35
270	200	277LMB200M2BC	921.04	1.04	22x25
270	250	277LMB250M2BE	921.04	1.13	22x35

Capacitance (µF)	VVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
270	250	277LMB250M2CC	921.04	1.11	25x25
270	350	277LMB350M2DE	921.04	1.06	30x35
270	350	277LMB350M2ED	921.04	1.1	35x30
270	350	277LMB350M2CG	921.04	1.07	25x45
270	400	277LMB400M2CG	921.04	1.3	25x45
270	400	277LMB400M2DE	921.04	1.26	30x35
270	400	277LMB400M2ED	921.04	1.27	35x30
270	450	277LMB450M2EE	921.04	1.49	35x35
270	450	277LMB450M2DG	921.04	1.48	30x45
330	160	337LMB160M2BC	753.57	1.16	22x25
330	200	337LMB200M2BD	753.57	1.21	22x30
330	200	337LMB200M2CC	753.57	1.44	25x25
330	250	337LMB250M2CD	753.57	1.28	25x30
330	250	337LMB250M2DE	753.57	1.24	30x25
330	250	337LMB250M2BE	753.57	1.23	22x35
330	350	337LMB350M2CH	753.57	1.23	25x50
330	350	337LMB350M2DF	753.57	1.24	30x40
330	350	337LMB350M2ED	753.57	1.21	35x30
330	400	337LMB400M2DF	753.57	1.5	30x40
330	400	337LMB400M2ED	753.57	1.5	35x30
330	450	337LMB450M2EG	753.57	1.72	35x45
390	160	397LMB160M2BD	637.64	1.27	22x30
390	160	397LMB160M2CC	637.64	1.03	25x25
390	200	397LMB200M2BE	637.64	1.31	22x35
390	200	397LMB200M2CC	637.64	1.29	25x25
390	250	397LMB250M2BF	637.64	1.47	22x40
390	250	397LMB250M2CE	637.64	1.46	25x35
390	250	397LMB250M2DC	637.64	1.48	30x25
390	350	397LMB350M2DG	637.64	1.42	30x45
390	350	397LMB350M2EE	637.64	1.4	35x35
390	400	397LMB400M2EE	637.64	1.7	35x35
390	450	397LMB450M2EH	637.64	1.96	35x50
470	160	477LMB160M2BD	529.11	1.51	22x30
470	160	477LMB160M2CC	529.11	1.5	25x25
470	200	477LMB200M2BF	529.11	1.52	22x40
470	200	477LMB200M2CD	529.11	1.45	25x30
470	200	477LMB200M2DC	529.11	1.5	30x25
470	250	477LMB250M2BH	529.11	1.66	22x50
470	250	477LMB250M2CF	529.11	1.61	25x40
470	250	477LMB250M2DD	529.11	1.59	30x30
470	250	477LMB250M2EC	529.11	1.63	35x25
470	350	477LMB350M2EF	529.11	1.62	35x40
470	400	477LMB400M2EF	529.11	2.07	35x40
560	160	567LMB160M2CD	444.07	1.65	25x30
560	160	567LMB160M2DE	444.07	1.66	30x25
560	160	567LMB160M2BE	444.07	1.66	22x35
560	200	567LMB200M2BF	444.07	1.7	22x40
560	200	567LMB200M2CE	444.07	1.68	25x35
560	200	567LMB200M2DD	444.07	1.7	30x30
560	250	567LMB250M2CG	444.07	1.85	25x45
560	250	567LMB250M2DE	444.07	1.85	30x35
560	250	567LMB250M2CE	444.07	1.78	35x25
560	350	567LMB350M2EG	444.07	1.86	35x45
560	400	567LMB400M2EG	444.07	2.36	35x45
680	160	687LMB160M2BF	365.71	1.8	22x40
680	160	687LMB160M2CE	365.71	2	25x35
680	160	687LMB160M2DC	365.71	1.82	30x25
680	200	687LMB200M2BG	365.71	1.82	22x45

LMB

+105°C, Extended life, 3000 hours

Capacitance (µF)	VVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
680	200	687LMB200M2CE	365.71	1.79	25x35
680	200	687LMB200M2DD	365.71	1.84	30x30
680	200	687LMB200M2EC	365.71	1.8	35x25
680	250	687LMB250M2CH	365.71	2.14	25x50
680	250	687LMB250M2DE	365.71	2.04	30x35
680	250	687LMB250M2ED	365.71	2.1	35x30
820	160	827LMB160M2CE	303.27	2	25x35
820	160	827LMB160M2DD	303.27	2.03	30x30
820	160	827LMB160M2EC	303.27	2	35x25
820	160	827LMB160M2BG	303.27	2.02	22x45
820	200	827LMB200M2ED	303.27	2.15	35x30
820	200	827LMB200M2CG	303.27	2.07	25x45
820	200	827LMB200M2DD	303.27	2.05	30x30
820	250	827LMB250M2DG	303.27	2.49	30x45
820	250	827LMB250M2EE	303.27	2.45	35x35
1000	63	108LMB063M2BC	414.47	0.91	22x25
1000	80	108LMB080M2BC	331.57	1.2	22x25
1000	80	108LMB080M2CC	331.57	0.99	25x25
1000	100	108LMB100M2CC	331.57	1.55	25x25
1000	100	108LMB100M2BD	331.57	1.51	22x30
1000	160	108LMB160M2CG	248.68	2.22	25x45
1000	160	108LMB160M2DE	248.68	2.21	30x35
1000	160	108LMB160M2EC	248.68	2.24	35x25
1000	200	108LMB200M2CH	248.68	2.53	25x50
1000	200	108LMB200M2DE	248.68	2.4	30x35
1000	200	108LMB200M2ED	248.68	2.58	35x30
1000	250	108LMB250M2EF	248.68	2.56	35x40
1200	160	128LMB160M2CH	207.23	2.43	25x50
1200	160	128LMB160M2DE	207.23	2.4	30x35
1200	160	128LMB160M2ED	207.23	2.41	35x30
1200	200	128LMB200M2EE	207.23	2.85	35x35
1200	200	128LMB200M2DF	207.23	2.8	30x40
1200	250	128LMB250M2EG	207.23	2.85	35x45
1500	50	158LMB050M2BC	331.57	1.05	22x25
1500	63	158LMB063M2BD	276.31	1.43	22x30
1500	63	158LMB063M2CC	276.31	1.42	25x25
1500	80	158LMB080M2CD	221.05	1.63	25x30
1500	80	158LMB080M2DC	221.05	1.21	30x25
1500	80	158LMB080M2BE	221.05	1.6	22x35
1500	100	158LMB100M2BF	221.05	1.94	22x40
1500	100	158LMB100M2CE	221.05	2.01	25x35
1500	100	158LMB100M2DC	221.05	1.98	30x25
1500	160	158LMB160M2DG	165.79	2.88	30x45
1500	160	158LMB160M2EE	165.79	2.84	35x35
1500	200	158LMB200M2EG	165.79	3.25	35x45
1500	250	158LMB250M2EH	165.79	3.28	35x50
1800	160	188LMB160M2EF	138.16	3.28	35x40
1800	200	188LMB200M2EH	138.16	3.68	35x50
2200	35	228LMB035M2BC	263.75	1.17	22x25
2200	50	228LMB050M2BD	226.07	1.31	22x30
2200	50	228LMB050M2CC	226.07	1.25	25x25
2200	63	228LMB063M2DC	188.39	1.73	30x25
2200	63	228LMB063M2BE	188.39	1.8	22x35
2200	63	228LMB063M2CD	188.39	1.35	25x30
2200	80	228LMB080M2BH	150.71	2.04	22x50
2200	80	228LMB080M2CE	150.71	1.98	25x35
2200	80	228LMB080M2DD	150.71	2.05	30x30
2200	80	228LMB080M2EC	150.71	1.61	35x25

Capacitance (µF)	VVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
2200	100	228LMB100M2CG	150.71	2.55	25x45
2200	100	228LMB100M2DE	150.71	2.56	30x35
3300	25	338LMB025M2BC	200.95	1.34	22x25
3300	35	338LMB035M2BC	175.83	1.43	22x25
3300	35	338LMB035M2CC	175.83	1.36	25x25
3300	50	338LMB050M2BE	150.71	1.94	22x35
3300	50	338LMB050M2CD	150.71	1.98	25x30
3300	50	338LMB050M2DC	150.71	1.5	30x25
3300	63	338LMB063M2DD	125.6	2.19	30x30
3300	63	338LMB063M2EC	125.6	1.73	35x25
3300	63	338LMB063M2BG	125.6	2.31	22x45
3300	63	338LMB063M2CE	125.6	2.23	25x35
3300	80	338LMB080M2CG	100.48	2.74	25x45
3300	80	338LMB080M2DE	100.48	2.75	30x35
3300	80	338LMB080M2ED	100.48	2.7	35x30
3300	100	338LMB100M2DG	100.48	3.3	30x45
3300	100	338LMB100M2EE	100.48	3.28	35x35
4700	16	478LMB016M2BC	176.37	1.36	22x25
4700	25	478LMB025M2BC	141.09	1.58	22x25
4700	25	478LMB025M2CC	141.09	1.51	25x25
4700	35	478LMB035M2BE	123.46	2	22x35
4700	35	478LMB035M2CC	123.46	1.73	25x25
4700	35	478LMB035M2DC	123.46	1.56	30x25
4700	50	478LMB050M2BG	105.82	2.54	22x45
4700	50	478LMB050M2CE	105.82	2.58	25x35
4700	50	478LMB050M2DD	105.82	2.53	30x30
4700	50	478LMB050M2DE	105.82	1.86	35x25
4700	63	478LMB063M2DE	88.18	2.9	30x35
4700	63	478LMB063M2ED	88.18	2.81	35x30
4700	63	478LMB063M2CH	88.18	2.93	25x50
4700	80	478LMB080M2DH	70.55	3.5	30x50
4700	80	478LMB080M2EF	70.55	3.5	35x40
4700	100	478LMB100M2EG	88.18	4.12	35x45
6800	16	688LMB016M2BC	121.9	1.74	22x25
6800	16	688LMB016M2CD	121.9	1.67	25x30
6800	25	688LMB025M2CC	97.52	1.88	25x25
6800	25	688LMB025M2DC	97.52	1.75	30x25
6800	25	688LMB025M2BD	97.52	1.85	22x30
6800	35	688LMB035M2BF	85.33	2.35	22x40
6800	35	688LMB035M2CE	85.33	2.27	25x35
6800	35	688LMB035M2DD	85.33	2.3	30x30
6800	35	688LMB035M2EC	85.33	1.96	35x25
6800	50	688LMB050M2CG	73.14	3.32	25x45
6800	50	688LMB050M2DE	73.14	3.34	30x35
6800	50	688LMB050M2ED	73.14	3.25	35x30
6800	63	688LMB063M2DG	60.95	3.71	30x45
6800	63	688LMB063M2EF	73.14	3.68	35x40
6800	80	688LMB080M2EH	73.14	4.12	35x50
10000	16	109LMB016M2BD	82.89	2.09	22x30
10000	16	109LMB016M2CC	82.89	2.05	25x25
10000	16	109LMB016M2DC	82.89	1.77	30x25
10000	25	109LMB025M2BF	66.31	2.6	22x40
10000	25	109LMB025M2CE	66.31	2.55	25x35
10000	25	109LMB025M2DD	66.31	2.6	30x30
10000	25	109LMB025M2EC	66.31	2.15	35x25
10000	35	109LMB035M2ED	58.03	2.2	35x30
10000	35	109LMB035M2CG	58.03	3	25x45
10000	35	109LMB035M2DE	58.03	2.95	30x35

LMB

+105°C, Extended life, 3000 hours

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
10000	50	109LMB050M2DG	58.03	4.04	30x45
10000	50	109LMB050M2EF	58.03	4.02	35x40
10000	63	109LMB063M2EH	58.03	4.64	35x50
15000	16	159LMB016M2CE	55.26	2.6	25x35
15000	16	159LMB016M2ED	55.26	2.36	35x30
15000	25	159LMB025M2CG	44.21	3.25	25x45
15000	25	159LMB025M2DE	44.21	3.1	30x35
15000	25	159LMB025M2ED	44.21	3.25	35x30
15000	35	159LMB035M2DG	38.68	3.7	30x45

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
15000	35	159LMB035M2EF	38.68	3.65	35x40
15000	50	159LMB050M2EH	38.68	4.73	35x50
22000	16	229LMB016M2ED	37.68	3.2	35x30
22000	16	229LMB016M2DE	37.68	3.35	30x35
22000	25	229LMB025M2DG	30.14	2.44	30x45
22000	25	229LMB025M2EE	30.14	3.95	35x35
33000	16	339LMB016M2EE	25.12	4.21	35x35
33000	25	339LMB025M2EH	20.1	5.47	35x50