



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 ($\leq 100\text{WVDC}$) -25°C to +105°C ($\geq 160\text{WVDC}$)													
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 $\tan \delta$ (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 $(\text{Capacitance}-33000) \cdot 0.1 / 10000$													
Leakage Current @20°C, Rated WVDC applied		Time		5 Minutes											
		$3\sqrt{CV}$													
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		$\leq 20\%$ of initial measured value											
		Dissipation factor		$\leq 200\%$ of maximum specified value											
		Leakage current		$\leq 100\%$ of maximum specified value											
Shelf Life		1000 hours at 105°C with no voltage applied													
		Capacitance Change		$\leq 20\%$ of initial measured value											
		Dissipation Factor		$\leq 200\%$ of maximum specified value											
		Leakage Current		$\leq 100\%$ 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			



Your Global Source for World-Class Capacitors

© 2017 Illinois Capacitor

North America
Tel: 847.675.1760
sales@illcap.com

Asia
Tel: 852.2793 0931
sales@illcap.com.hk



Lead Style Options

<p>Code 2 (standard)</p> <p>Diameter 20 to 40 mm</p>	<p>Code W</p> <p>Diameter 20 to 40 mm</p>												
<p>Code P</p> <p>Diameter 22 to 35 mm</p>	<p>Code D</p> <p>Diameter 30 to 40 mm</p>												
<p>Code 9</p> <p>Diameter 25 to 35 mm</p>	<p>Code T</p> <p>Diameter 25 to 35 mm</p>												
<p>Code 4</p> <p>Diameter 35 to 45 mm</p>	<p>Code 4S (straight leads)</p> <p>Diameter 35 to 45 mm</p>												
<p>Code 5</p> <p>Diameter 40 to 50 mm</p>	<p>Code G</p>												
<table border="1"> <tbody> <tr> <td>D</td> <td>35</td> <td>40</td> <td>50</td> <td>63</td> <td>76</td> </tr> <tr> <td>P</td> <td>14</td> <td>14</td> <td>18</td> <td>25</td> <td>25</td> </tr> </tbody> </table> <p>Diameter 35 to 76 mm</p>		D	35	40	50	63	76	P	14	14	18	25	25
D	35	40	50	63	76								
P	14	14	18	25	25								

LMX

+105°C, 5000 Hour

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
47	450	476LMX450M2BC	7.0547	0.39	22x25
56	450	566LMX450M2BC	5.9209	0.42	22x25
56	450	566LMX450M2BD	5.9209	0.46	22x30
68	400	686LMX400M2BC	4.8761	0.47	22x25
68	450	686LMX450M2BD	4.8761	0.5	22x30
68	450	686LMX450M2BE	4.8761	0.54	22x35
68	450	686LMX450M2CC	3.657	0.5	25x25
82	400	826LMX400M2BC	4.0436	0.52	22x25
82	400	826LMX400M2BD	4.0436	0.56	22x30
82	450	826LMX450M2BD	4.0436	0.55	22x30
82	450	826LMX450M2BE	4.0436	0.59	22x35
82	450	826LMX450M2CC	4.0436	0.55	25x25
82	450	826LMX450M2CD	4.0436	0.6	25x30
100	400	107LMX400M2BD	3.3157	0.62	22x30
100	400	107LMX400M2BE	3.3157	0.66	22x35
100	400	107LMX400M2CC	3.3157	0.62	25x25
100	400	107LMX400M2CD	3.3157	0.66	25x30
100	450	107LMX450M2BE	3.3157	0.65	22x35
100	450	107LMX450M2BF	3.3157	0.69	22x40
100	450	107LMX450M2CD	3.3157	0.66	25x30
100	450	107LMX450M2CE	3.3157	0.7	25x35
100	450	107LMX450M2DC	3.3157	0.68	30x25
120	350	127LMX350M2BD	2.7631	0.78	22x30
120	400	127LMX400M2BE	2.7631	0.72	22x35
120	400	127LMX400M2BF	2.7631	0.76	22x40
120	400	127LMX400M2CD	2.7631	0.73	25x30
120	400	127LMX400M2CE	2.7631	0.77	25x35
120	400	127LMX400M2DC	2.7631	0.75	30x25
120	450	127LMX450M2BF	2.7631	0.76	22x40
120	450	127LMX450M2BH	2.7631	0.84	22x50
120	450	127LMX450M2CE	2.7631	0.77	25x35
120	450	127LMX450M2CF	2.7631	0.81	25x40
120	450	127LMX450M2DC	2.7631	0.75	30x25
120	450	127LMX450M2DD	2.7631	0.8	30x30
120	450	127LMX450M2EC	2.7631	0.82	35x25
150	250	157LMX250M2BC	1.6279	0.69	22x25
150	350	157LMX350M2BE	2.2105	0.9	22x35
150	400	157LMX400M2CE	2.2105	0.91	25x35
150	400	157LMX400M2BF	2.2105	0.85	22x40
150	400	157LMX400M2BG	2.2105	0.9	22x45
150	400	157LMX400M2CD	2.2105	0.81	25x30
150	400	157LMX400M2CF	2.2105	0.92	25x40
150	400	157LMX400M2DC	2.2105	0.84	30x25
150	400	157LMX400M2DD	2.2105	0.9	30x30
150	450	157LMX450M2BG	2.2105	0.93	22x45
150	450	157LMX450M2CE	2.2105	0.94	25x35
150	450	157LMX450M2BH	2.2105	0.94	22x50
150	450	157LMX450M2CF	2.2105	0.91	25x40
150	450	157LMX450M2CG	2.2105	0.96	25x45
150	450	157LMX450M2DD	2.2105	0.9	30x30
150	450	157LMX450M2DE	2.2105	0.96	30x35
150	450	157LMX450M2ED	2.2105	0.99	35x30
180	250	187LMX250M2BC	1.3816	0.76	22x25
180	250	187LMX250M2BD	1.3816	0.82	22x30
180	250	187LMX250M2CC	1.3816	0.82	25x25
180	350	187LMX350M2BF	1.8421	1.01	22x40
180	350	187LMX350M2CD	1.8421	1.01	25x30
180	400	187LMX400M2CF	1.8421	1.06	25x40

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
180	400	187LMX400M2DD	1.8421	1.1	30x30
180	400	187LMX400M2DE	1.8421	1.06	30x35
180	400	187LMX400M2EC	1.8421	1.01	35x25
180	400	187LMX400M2BG	1.8421	0.98	22x45
180	400	187LMX400M2BH	1.8421	1.03	22x50
180	400	187LMX400M2CE	1.8421	0.95	25x35
180	450	187LMX450M2CG	1.8421	1.05	25x45
180	450	187LMX450M2DE	1.8421	1.05	30x35
180	450	187LMX450M2DF	1.8421	1.11	30x40
180	450	187LMX450M2ED	1.8421	1.08	35x30
180	450	187LMX450M2BH	1.8421	0.97	22x50
180	450	187LMX450M2CF	1.8421	0.95	25x40
180	450	187LMX450M2DD	1.8421	0.93	30x30
180	450	187LMX450M2EC	1.8421	0.96	35x25
220	200	227LMX200M2BC	1.1304	0.85	22x25
220	250	227LMX250M2BD	1.1304	0.91	22x30
220	250	227LMX250M2BE	1.1304	0.97	22x35
220	250	227LMX250M2CD	1.1304	0.98	25x30
220	350	227LMX350M2BG	1.5071	1.15	22x45
220	350	227LMX350M2CE	1.5071	1.15	25x35
220	350	227LMX350M2DD	1.5071	1.15	30x30
220	400	227LMX400M2BH	1.5071	1.14	22x50
220	400	227LMX400M2CF	1.5071	1.11	25x40
220	400	227LMX400M2CH	1.5071	1.22	25x50
220	400	227LMX400M2DD	1.5071	1.09	30x30
220	400	227LMX400M2DE	1.5071	1.16	30x35
220	400	227LMX400M2ED	1.5071	1.2	35x30
220	450	227LMX450M2DF	1.5071	1.22	30x40
220	450	227LMX450M2DG	1.5071	1.29	30x45
220	450	227LMX450M2ED	1.5071	1.19	35x30
220	450	227LMX450M2EE	1.5071	1.27	35x35
220	450	227LMX450M2CG	1.5071	1.16	25x45
220	450	227LMX450M2DE	1.5071	1.17	30x35
270	200	277LMX200M2BC	0.921	1.1	22x25
270	200	277LMX200M2BD	0.921	1.02	22x30
270	200	277LMX200M2CC	0.921	1.02	25x25
270	250	277LMX250M2BD	0.921	1.01	22x30
270	250	277LMX250M2BE	0.921	1.07	22x35
270	250	277LMX250M2CC	0.921	1.01	25x25
270	250	277LMX250M2CD	0.921	1.08	25x30
270	350	277LMX350M2BH	1.228	1.25	22x50
270	350	277LMX350M2CF	1.228	1.25	25x40
270	350	277LMX350M2DD	1.228	1.25	30x30
270	350	277LMX350M2EC	1.228	1.25	35x25
270	400	277LMX400M2CH	1.228	1.35	25x50
270	400	277LMX400M2CG	1.228	1.29	25x45
270	400	277LMX400M2DE	1.228	1.29	30x35
270	400	277LMX400M2DG	1.228	1.43	30x45
270	400	277LMX400M2ED	1.228	1.33	35x30
270	400	277LMX400M2EE	1.228	1.41	35x35
270	450	277LMX450M2DG	1.228	1.43	30x45
270	450	277LMX450M2DH	1.228	1.49	30x50
270	450	277LMX450M2EE	1.228	1.41	35x35
270	450	277LMX450M2EF	1.228	1.48	35x40
270	450	277LMX450M2CH	1.228	1.31	25x50
270	450	277LMX450M2DF	1.228	1.33	30x40
270	450	277LMX450M2ED	1.228	1.39	35x30
330	200	337LMX200M2BD	0.754	1.12	22x30

LMX

+105°C, 5000 Hour

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
330	200	337LMX200M2BE	0.754	1.2	22x35
330	200	337LMX200M2CC	0.754	1.12	25x25
330	200	337LMX200M2CD	0.754	1.21	25x30
330	250	337LMX250M2BE	0.754	1.19	22x35
330	250	337LMX250M2BF	0.754	1.26	22x40
330	250	337LMX250M2CD	0.754	1.2	25x30
330	250	337LMX250M2CE	0.754	1.28	25x35
330	250	337LMX250M2DC	0.754	1.24	30x25
330	350	337LMX350M2ED	1.0048	1.43	35x30
330	350	337LMX350M2CG	1.0048	1.43	25x45
330	350	337LMX350M2DE	1.0048	1.43	30x35
330	400	337LMX400M2DG	1.0048	1.55	30x45
330	400	337LMX400M2ED	1.0048	1.52	35x30
330	400	337LMX400M2DF	1.0048	1.51	30x40
330	400	337LMX400M2DH	1.0048	1.66	30x50
330	400	337LMX400M2EE	1.0048	1.56	35x35
330	400	337LMX400M2EF	1.0048	1.65	35x40
330	450	337LMX450M2DH	1.0048	1.65	30x50
330	450	337LMX450M2EF	1.0048	1.64	35x40
330	450	337LMX450M2EG	1.0048	1.72	35x45
330	450	337LMX450M2DG	1.0048	1.58	30x45
330	450	337LMX450M2EE	1.0048	1.58	35x35
390	100	397LMX100M2BC	0.6376	0.78	22x25
390	160	397LMX160M2BD	0.6376	1.42	22x30
390	200	397LMX200M2BE	0.6376	1.31	22x35
390	200	397LMX200M2CD	0.6376	1.32	25x30
390	200	397LMX200M2CE	0.6376	1.4	25x35
390	200	397LMX200M2DC	0.6376	1.37	30x25
390	250	397LMX250M2BF	0.6376	1.37	22x40
390	250	397LMX250M2BG	0.6376	1.44	22x45
390	250	397LMX250M2CE	0.6376	1.39	25x35
390	250	397LMX250M2CF	0.6376	1.47	25x40
390	250	397LMX250M2DD	0.6376	1.45	30x30
390	250	397LMX250M2DE	0.6376	1.54	30x35
390	350	397LMX350M2EE	1.0048	1.76	35x35
390	350	397LMX350M2CH	1.0048	1.61	25x50
390	350	397LMX350M2DF	1.0048	1.6	30x40
390	350	397LMX350M2ED	1.0048	1.61	35x30
390	400	397LMX400M2DG	1.0048	1.72	30x45
390	400	397LMX400M2EE	1.0048	1.7	35x35
390	400	397LMX400M2EG	1.0048	1.88	35x45
390	450	397LMX450M2EG	1.0048	1.87	35x45
390	450	397LMX450M2EF	1.0048	1.73	35x40
390	450	397LMX450M2DH	1.0048	1.73	30x50
470	160	477LMX160M2BE	0.5291	1.62	22x35
470	200	477LMX200M2BG	0.5291	1.6	22x45
470	200	477LMX200M2CD	0.5291	1.45	25x30
470	200	477LMX200M2CE	0.5291	1.54	25x35
470	200	477LMX200M2DC	0.5291	1.5	30x25
470	200	477LMX200M2DD	0.5291	1.61	30x30
470	200	477LMX200M2BF	0.5291	1.52	22x40
470	250	477LMX250M2BH	0.5291	1.66	22x50
470	250	477LMX250M2CF	0.5291	1.61	25x40
470	250	477LMX250M2CG	0.5291	1.7	25x45
470	250	477LMX250M2DD	0.5291	1.59	30x30
470	250	477LMX250M2DE	0.5291	1.69	30x35
470	250	477LMX250M2EC	0.5291	1.63	35x25
470	350	477LMX350M2DG	0.7055	1.81	30x45

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
470	350	477LMX350M2EE	0.7055	1.83	35x35
470	400	477LMX400M2DH	0.7055	1.9	30x50
470	400	477LMX400M2EF	0.7055	1.97	35x40
470	400	477LMX400M2EH	0.7055	2.16	35x50
470	450	477LMX450M2EH	0.7055	1.98	35x50
560	100	567LMX100M2BD	0.4441	0.99	22x30
560	100	567LMX100M2CC	0.4441	0.98	25x25
560	160	567LMX160M2CD	0.4441	1.81	25x30
560	160	567LMX160M2DC	0.4441	1.81	30x25
560	160	567LMX160M2BE	0.4441	1.77	22x35
560	200	567LMX200M2DC	0.4441	1.78	30x25
560	200	567LMX200M2BG	0.4441	1.75	22x45
560	200	567LMX200M2BH	0.4441	1.83	22x50
560	200	567LMX200M2CE	0.4441	1.68	25x35
560	200	567LMX200M2CF	0.4441	1.78	25x40
560	200	567LMX200M2DD	0.4441	1.76	30x30
560	200	567LMX200M2DE	0.4441	1.87	30x35
560	250	567LMX250M2CG	0.4441	1.85	25x45
560	250	567LMX250M2DE	0.4441	1.85	30x35
560	250	567LMX250M2DF	0.4441	1.95	30x40
560	250	567LMX250M2ED	0.4441	1.91	35x30
560	350	567LMX350M2DH	0.5921	2	30x50
560	350	567LMX350M2EF	0.5921	2.07	35x40
560	400	567LMX400M2EG	0.3657	2.26	35x45
680	80	687LMX080M2BC	0.3657	0.97	22x25
680	100	687LMX100M2BE	0.3657	1.12	22x35
680	100	687LMX100M2CC	0.3657	1.05	25x25
680	160	687LMX160M2BG	0.3657	1.98	22x45
680	160	687LMX160M2CE	0.3657	2.01	25x35
680	160	687LMX160M2DD	0.3657	1.96	30x30
680	160	687LMX160M2BF	0.3657	1.98	22x40
680	160	687LMX160M2DC	0.3657	1.96	30x25
680	200	687LMX200M2CF	0.3657	1.96	25x40
680	200	687LMX200M2CH	0.3657	2.16	25x50
680	200	687LMX200M2DD	0.3657	1.94	30x30
680	200	687LMX200M2DE	0.3657	2.06	30x35
680	200	687LMX200M2EC	0.3657	1.98	35x25
680	200	687LMX200M2BH	0.3657	1.9	22x50
680	250	687LMX250M2CH	0.3657	1.94	25x50
680	250	687LMX250M2DF	0.3657	2.15	30x40
680	250	687LMX250M2DG	0.3657	2.26	30x45
680	250	687LMX250M2ED	0.3657	2.1	35x30
680	350	687LMX350M2EG	0.4876	2.34	35x45
680	400	687LMX400M2EH	0.4876	2.39	35x50
820	80	827LMX080M2BD	0.3033	1.12	22x30
820	100	827LMX100M2BF	0.3033	1.26	22x40
820	100	827LMX100M2CD	0.3033	1.23	25x30
820	100	827LMX100M2DC	0.3033	1.25	30x25
820	160	827LMX160M2BH	0.3033	2.2	22x50
820	160	827LMX160M2CF	0.3033	2.24	25x40
820	160	827LMX160M2DE	0.3033	2.2	30x35
820	160	827LMX160M2BG	0.3033	2.2	22x45
820	200	827LMX200M2CG	0.3033	2.27	25x45
820	200	827LMX200M2DE	0.3033	2.26	30x35
820	200	827LMX200M2DF	0.3033	2.39	30x40
820	200	827LMX200M2ED	0.3033	2.33	35x30
820	250	827LMX250M2DG	0.3033	2.49	30x45
820	250	827LMX250M2DH	0.3033	2.6	30x50

LMX

+105°C, 5000 Hour

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
820	250	827LMX250M2EE	0.3033	2.45	35x35
820	350	827LMX350M2EH	0.4044	2.62	35x50
1000	63	108LMX063M2BC	0.2487	1	22x25
1000	80	108LMX080M2BE	0.2487	1.7	22x35
1000	80	108LMX080M2CC	0.2487	1.36	25x25
1000	100	108LMX100M2BG	0.2487	1.41	22x45
1000	100	108LMX100M2CE	0.2487	1.45	25x35
1000	100	108LMX100M2DD	0.2487	1.42	30x30
1000	100	108LMX100M2EC	0.2487	1.45	35x25
1000	160	108LMX160M2CG	0.2487	2.55	25x45
1000	160	108LMX160M2DF	0.2487	2.55	30x40
1000	160	108LMX160M2DE	0.2487	2.55	30x35
1000	160	108LMX160M2EC	0.2487	2.55	35x25
1000	200	108LMX200M2DF	0.2487	2.64	30x40
1000	200	108LMX200M2DG	0.2487	2.78	30x45
1000	200	108LMX200M2EE	0.2487	2.74	35x35
1000	200	108LMX200M2CH	0.2487	2.46	25x50
1000	250	108LMX250M2DP	0.2487	3	30x55
1000	250	108LMX250M2EF	0.2487	2.86	35x40
1000	250	108LMX250M2DH	0.2487	2.68	30x50
1200	63	128LMX063M2BD	0.2072	1.15	22x30
1200	63	128LMX063M2CC	0.2072	1.15	25x25
1200	80	128LMX080M2BF	0.2072	1.75	22x40
1200	80	128LMX080M2CD	0.2072	1.39	25x30
1200	80	128LMX080M2DC	0.2072	1.41	30x25
1200	100	128LMX100M2BH	0.2072	1.6	22x50
1200	100	128LMX100M2CF	0.2072	1.59	25x40
1200	100	128LMX100M2DE	0.2072	1.61	30x35
1200	100	128LMX100M2EC	0.2072	1.65	35x25
1200	160	128LMX160M2CH	0.2072	2.93	25x50
1200	160	128LMX160M2DG	0.2072	2.84	30x45
1200	160	128LMX160M2ED	0.2072	2.86	35x30
1200	160	128LMX160M2DF	0.2072	2.84	30x40
1200	200	128LMX200M2EE	0.2072	2.88	35x35
1200	200	128LMX200M2DG	0.2072	3.04	30x45
1200	200	128LMX200M2DH	0.2072	3.19	30x50
1200	200	128LMX200M2EF	0.2072	3.17	35x40
1200	200	128LMX200M2EG	0.2072	3.33	35x45
1200	250	128LMX250M2EH	0.2072	3.44	35x50
1200	250	128LMX250M2EP	0.2072	3.58	35x55
1200	250	128LMX250M2EG	0.2072	3.05	35x45
1500	50	158LMX050M2BC	0.221	1.02	22x25
1500	63	158LMX063M2BE	0.1658	1.32	22x35
1500	63	158LMX063M2CC	0.1658	1.35	25x25
1500	80	158LMX080M2BF	0.1658	1.8	22x40
1500	80	158LMX080M2CE	0.1658	1.62	25x35
1500	80	158LMX080M2DC	0.1658	1.65	30x25
1500	100	158LMX100M2ED	0.1658	1.85	35x30
1500	100	158LMX100M2CH	0.1658	1.86	25x50
1500	100	158LMX100M2DF	0.1658	1.87	30x40
1500	160	158LMX160M2DH	0.1658	3.22	30x50
1500	160	158LMX160M2EE	0.1658	3.22	35x35
1500	160	158LMX160M2DG	0.1658	3.17	30x45
1500	200	158LMX200M2EF	0.1658	3.34	35x40
1500	200	158LMX200M2EG	0.1658	3.72	35x45
1500	200	158LMX200M2EH	0.1658	3.75	35x50
1500	250	158LMX250M2EP	0.1658	4	35x55
1500	250	158LMX250M2EH	0.1658	3.49	35x50

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
1800	50	188LMX050M2BD	0.1842	1.17	22x30
1800	50	188LMX050M2CC	0.1842	1.17	25x25
1800	63	188LMX063M2BF	0.1382	1.49	22x40
1800	63	188LMX063M2CD	0.1382	1.45	25x30
1800	63	188LMX063M2DC	0.1382	1.48	30x25
1800	80	188LMX080M2BF	0.1382	1.82	22x40
1800	80	188LMX080M2BH	0.1382	1.84	22x50
1800	80	188LMX080M2CE	0.1382	1.85	25x35
1800	80	188LMX080M2CF	0.1382	1.95	25x40
1800	80	188LMX080M2DD	0.1382	1.78	30x30
1800	80	188LMX080M2EC	0.1382	1.92	35x25
1800	100	188LMX100M2DF	0.1382	1.95	30x40
1800	100	188LMX100M2DG	0.1382	2.15	30x45
1800	100	188LMX100M2EE	0.1382	2.07	35x35
1800	160	188LMX160M2DH	0.1382	3.53	30x50
1800	160	188LMX160M2EF	0.1382	3.66	35x40
1800	200	188LMX200M2EG	0.1382	3.74	35x45
1800	200	188LMX200M2EH	0.1382	4.1	35x50
2200	35	228LMX035M2BC	0.1884	1.1	22x25
2200	50	228LMX050M2BE	0.1507	1.33	22x35
2200	50	228LMX050M2CC	0.1507	1.35	25x25
2200	63	228LMX063M2BG	0.113	1.75	22x45
2200	63	228LMX063M2CE	0.113	1.67	25x35
2200	63	228LMX063M2DD	0.113	1.68	30x30
2200	63	228LMX063M2EC	0.113	1.71	35x25
2200	80	228LMX080M2CH	0.113	2.11	25x50
2200	80	228LMX080M2DE	0.113	2.05	30x35
2200	80	228LMX080M2ED	0.113	2.09	35x30
2200	100	228LMX100M2DH	0.113	2.4	30x50
2200	100	228LMX100M2EF	0.113	2.39	35x40
2200	160	228LMX160M2EG	0.113	4.14	35x45
2700	50	278LMX050M2BF	0.1228	1.51	22x40
2700	50	278LMX050M2CD	0.1228	1.47	25x30
2700	50	278LMX050M2DC	0.1228	1.5	30x25
2700	63	278LMX063M2BH	0.0921	1.92	22x50
2700	63	278LMX063M2CF	0.0921	1.9	25x40
2700	63	278LMX063M2DE	0.0921	1.93	30x35
2700	63	278LMX063M2EC	0.0921	1.95	35x25
2700	80	278LMX080M2DF	0.0921	3.35	30x40
2700	80	278LMX080M2EE	0.0921	2.65	35x35
2700	100	278LMX100M2EH	0.0921	2.81	35x50
2700	160	278LMX160M2EH	0.0921	4.68	35x50
3300	35	338LMX035M2BD	0.1063	1.42	22x30
3300	35	338LMX035M2CC	0.1063	1.41	25x25
3300	50	338LMX050M2CE	0.085	1.7	25x35
3300	50	338LMX050M2DD	0.085	1.7	30x30
3300	50	338LMX050M2EC	0.085	2.2	35x25
3300	63	338LMX063M2CH	0.0638	2.2	25x50
3300	63	338LMX063M2CG	0.0638	2.2	25x45
3300	63	338LMX063M2DE	0.0638	2.35	30x35
3300	63	338LMX063M2ED	0.0638	2.18	35x30
3300	80	338LMX080M2DH	0.0638	2.75	30x50
3300	80	338LMX080M2EF	0.0638	2.73	35x40
3900	25	398LMX025M2BC	0.1275	1.31	22x25
3900	35	398LMX035M2BE	0.1063	1.58	22x35
3900	35	398LMX035M2CD	0.1063	1.58	25x30
3900	50	398LMX050M2CF	0.085	1.89	25x40
3900	50	398LMX050M2DD	0.085	1.89	30x30

LMX

+105°C, 5000 Hour

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
3900	50	398LMX050M2EC	0.085	2.1	35x25
3900	50	398LMX050M2BH	0.085	1.91	22x50
3900	63	398LMX063M2CH	0.0638	2.35	25x50
3900	63	398LMX063M2DF	0.0638	2.41	30x40
3900	63	398LMX063M2EE	0.0638	2.43	35x35
4700	25	478LMX025M2BD	0.1058	1.51	22x30
4700	25	478LMX025M2CC	0.1058	1.51	25x25
4700	35	478LMX035M2BF	0.0882	1.78	22x40
4700	35	478LMX035M2CD	0.0882	1.7	25x30
4700	35	478LMX035M2DC	0.0882	1.77	30x25
4700	50	478LMX050M2DE	0.0705	2.11	30x35
4700	50	478LMX050M2ED	0.0705	2.16	35x30
4700	63	478LMX063M2DH	0.0529	2.8	30x50
4700	63	478LMX063M2EF	0.0529	2.78	35x40
4700	80	478LMX080M2EH	0.0529	3.46	35x50
5600	16	568LMX016M2BC	0.1332	1.44	22x25
5600	25	568LMX025M2BE	0.0888	1.7	22x35
5600	25	568LMX025M2CC	0.0888	1.65	25x25
5600	35	568LMX035M2CE	0.074	1.98	25x35
5600	35	568LMX035M2DD	0.074	1.98	30x30
5600	35	568LMX035M2EC	0.074	2.03	35x25
5600	50	568LMX050M2CH	0.0592	2.38	25x50
5600	50	568LMX050M2DF	0.0592	2.39	30x40
5600	50	568LMX050M2EE	0.0592	2.41	35x35
5600	63	568LMX063M2EF	0.0444	2.95	35x40
6800	10	688LMX010M2BC	0.1463	1.3	22x25
6800	16	688LMX016M2CC	0.1097	1.66	25x25
6800	16	688LMX016M2BD	0.1097	1.66	22x30
6800	25	688LMX025M2DC	0.0731	1.9	30x25
6800	25	688LMX025M2BF	0.0731	1.92	22x40
6800	25	688LMX025M2CD	0.0731	1.87	25x30
6800	35	688LMX035M2BH	0.061	2.26	22x50
6800	35	688LMX035M2CF	0.061	2.24	25x40
6800	50	688LMX050M2DH	0.0488	2.79	30x50
6800	50	688LMX050M2EF	0.0488	2.78	35x40
6800	63	688LMX063M2EG	0.0366	3.25	35x45
6800	63	688LMX063M2EH	0.0366	3.55	35x50
8200	16	828LMX016M2BE	0.091	1.87	22x35
8200	16	828LMX016M2CC	0.091	1.85	25x25
8200	25	828LMX025M2BG	0.0607	2.15	22x45
8200	25	828LMX025M2CE	0.0607	2.14	25x35
8200	25	828LMX025M2DD	0.0607	2.16	30x30
8200	25	828LMX025M2EC	0.0607	2.19	35x25
8200	35	828LMX035M2CH	0.0505	2.57	25x50
8200	35	828LMX035M2DE	0.0505	2.5	30x35
8200	35	828LMX035M2ED	0.0505	2.55	35x30
8200	63	828LMX063M2EH	0.0303	3.55	35x50
10000	10	109LMX010M2BD	0.0995	1.65	22x30
10000	10	109LMX010M2CC	0.0995	1.64	25x25
10000	16	109LMX016M2BF	0.0746	2.12	22x40
10000	16	109LMX016M2CD	0.0746	2.07	25x30
10000	16	109LMX016M2DC	0.0746	2.11	30x25
10000	25	109LMX025M2BH	0.0497	2.45	22x50
10000	25	109LMX025M2CF	0.0497	2.43	25x40

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
10000	35	109LMX035M2DF	0.0414	2.86	30x40
10000	35	109LMX035M2EE	0.0414	2.88	35x35
10000	50	109LMX050M2EH	0.0332	3.57	35x50
12000	10	129LMX010M2BE	0.0829	1.85	22x35
12000	10	129LMX010M2CD	0.0829	1.85	25x30
12000	10	129LMX010M2DC	0.0829	1.89	30x25
12000	16	129LMX016M2BG	0.0622	2.45	22x45
12000	16	129LMX016M2CE	0.0622	2.37	25x35
12000	16	129LMX016M2DD	0.0622	2.37	30x30
12000	16	129LMX016M2EC	0.0622	2.42	35x25
12000	25	129LMX025M2CH	0.0414	2.78	25x50
12000	25	129LMX025M2DE	0.0414	2.7	30x35
12000	25	129LMX025M2ED	0.0414	2.76	35x30
12000	35	129LMX035M2DH	0.0345	3.32	30x50
12000	35	129LMX035M2EF	0.0345	3.3	35x40
15000	10	159LMX010M2BF	0.0663	2.12	22x40
15000	10	159LMX010M2CE	0.0663	2.16	25x35
15000	16	159LMX016M2BH	0.0497	2.74	22x50
15000	16	159LMX016M2CF	0.0497	2.71	25x40
15000	16	159LMX016M2DD	0.0497	2.75	30x30
15000	16	159LMX016M2EC	0.0497	2.65	35x25
15000	25	159LMX025M2DF	0.0332	3.13	30x40
15000	25	159LMX025M2EE	0.0332	3.16	35x35
18000	10	189LMX010M2DD	0.0553	2.37	30x30
18000	10	189LMX010M2EC	0.0553	2.43	35x25
18000	10	189LMX010M2BH	0.0553	2.45	22x50
18000	10	189LMX010M2CF	0.0553	2.43	25x40
18000	16	189LMX016M2CH	0.0414	3.11	25x50
18000	16	189LMX016M2DE	0.0414	3.02	30x35
18000	16	189LMX016M2ED	0.0414	3.09	35x30
18000	25	189LMX025M2EF	0.0276	3.61	35x40
18000	25	189LMX025M2DH	0.0276	3.64	30x50
18000	35	189LMX035M2EH	0.023	4.29	35x50
22000	10	229LMX010M2BG	0.0452	2.65	22x45
22000	10	229LMX010M2CF	0.0452	2.7	25x40
22000	10	229LMX010M2DE	0.0452	2.73	30x35
22000	10	229LMX010M2ED	0.0452	2.79	35x30
22000	16	229LMX016M2DF	0.0339	3.46	30x40
22000	16	229LMX016M2EE	0.0339	3.49	35x35
27000	10	279LMX010M2CH	0.0368	3.11	25x50
27000	10	279LMX010M2DF	0.0368	3.13	30x40
27000	16	279LMX016M2DH	0.0276	4.07	30x50
27000	16	279LMX016M2EF	0.0276	4.04	35x40
27000	25	279LMX025M2EH	0.0301	4.7	35x50
33000	10	339LMX010M2DE	0.0301	3.48	30x35
33000	10	339LMX010M2EE	0.0301	3.49	35x35
33000	10	339LMX010M2BH	0.0301	3.35	22x50
33000	10	339LMX010M2CG	0.0301	3.4	25x45
33000	16	339LMX016M2EF	0.0226	4.65	35x40
39000	10	399LMX010M2DH	0.0255	3.99	30x50
39000	10	399LMX010M2EF	0.0255	3.96	35x40
39000	16	399LMX016M2EH	0.0191	5.16	35x50
47000	10	479LMX010M2DG	0.0212	4.15	30x45
47000	10	479LMX010M2EF	0.0212	4.62	35x40