



### FEATURES

Multiple Case Sizes - High Voltage – High Current

### APPLICATIONS

Bulk Filtering – Switching Power Supplies

Operating Temperature Range		<b>-40°C to +105°C (<math>\leq 100\text{WVDC}</math>)</b> <b>-25°C to +105°C (<math>\geq 160\text{WVDC}</math>)</b>													
Capacitance Tolerance		<b><math>\pm 20\%</math> at 120 Hz, 20°C</b>													
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 $\frac{(\text{Capacitance}-33000)}{10000} * 0.1$													
Leakage Current @20°C, Rated WVDC applied		Time		<b>5 Minutes</b>											
				<b><math>3\sqrt{CV}</math></b>											
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		<b>5000 hours at 105°C with rated WVDC and ripple current applied</b>													
		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		<b>1000 hours at 105°C with no voltage applied</b>													
		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		<b>Frequency (Hz)</b>						<b>Temperature (°C)</b>							
	WVDC	60	120	400	1k	10k	50k	45	65	75	85	105			
	$\leq 100$	0.9	1.0	1.0	1.15	1.25	1.25	2.4	2.1	1.9	1.7	1			
	$160 < V \leq 250$	0.8	1.0	1.0	1.25	1.47	1.47	2.4	2.1	1.9	1.7	1			
	$\geq 350$	0.8	1.0	1.0	1.3	1.47	1.47	2.4	2.1	1.9	1.7	1			



### Lead Style Options

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

# 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 DxDL (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 DxDL (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	0.106	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 DxDL (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	158LMX080M2D	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 DxDL (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 DxDL (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 DxDL (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	1.94	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 DxDL (mm)
400	100	107LMX400M2BE3.3	3.157	0.66	22x35
400	100	107LMX400M2CC3.3	3.157	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 DxDL (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