

## LM series



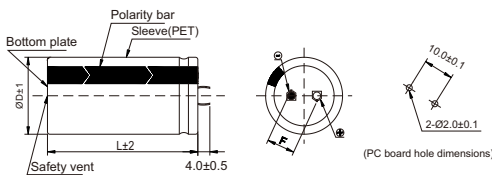
- Downsized, long life
- Endurance: 3,000 hours at 105°C
- Compliant to AEC-Q200
- RoHS Compliant

### SPECIFICATIONS

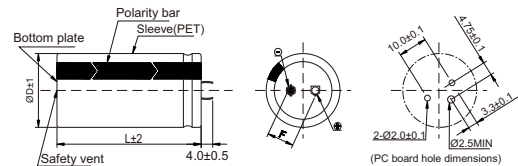
Items	Characteristics		
Category Temperature Range	-25~+105°C		
Rated Voltage Range	160~600V <sub>dc</sub>		
Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)		
Leakage Current	I ≤ 3√CV Where, I: Max. leakage current (µA), C: Nominal capacitance (µF), V: Rated voltage (V) (at 20°C after 5 minutes)		
Dissipation Factor (tanδ)	Rated Voltage(V <sub>dc</sub> )	160 to 400	420 to 600
	Dissipation Factor(Max.)	0.15	0.20
Low Temperature Characteristics (Max. Impedance Ratio)	Rated Voltage(V <sub>dc</sub> )	160 to 250	315 to 600
	Z(-25°C)/Z(+20°C)	4	8
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 3,000 hours at 105°C.		
	Capacitance Change	≤±20% of the initial value	
	Dissipation Factor	≤200% of the initial specified value	
	Leakage Current	≤The initial specified value	
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.		
	Capacitance Change	≤±15% of the initial value	
	Dissipation Factor	≤150% of the initial specified value	
	Leakage Current	≤200% of the initial specified value	

### DIMENSIONS[mm]

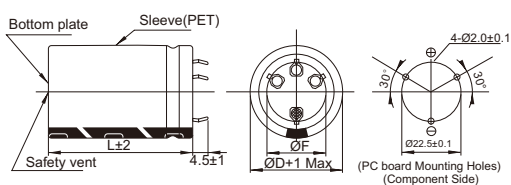
- Terminal Code : K (Φ22 to Φ35) : Standard



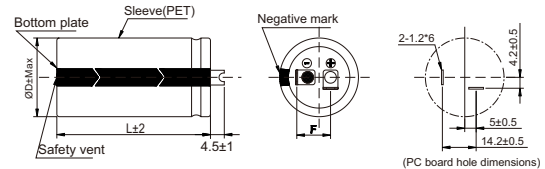
- Terminal Code : T (Φ25 to Φ35) : Standard



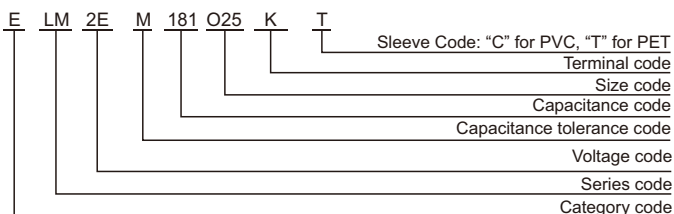
- Terminal Code : P (Φ35 to Φ45):Standard



- Terminal Code : L (Φ35) : Standard



### PART NUMBERING SYSTEM



### RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10k	100k
160~250	1.00	1.32	1.45	1.50
315~600	1.00	1.30	1.41	1.43

**LM series**

■ STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number	
160	220	22×20	0.15	0.81	ELM2CM221O20KT	
	270	25×20	0.15	0.98	ELM2CM271P20KT	
	330	22×25	0.15	1.20	ELM2CM331O25KT	
	330	25×20	0.15	1.02	ELM2CM331P20KT	
	390	22×25	0.15	1.30	ELM2CM391O25KT	
	390	25×25	0.15	1.26	ELM2CM391P25KT	
	390	30×20	0.15	1.25	ELM2CM391Q20KT	
	470	22×30	0.15	1.55	ELM2CM471O30KT	
	470	25×25	0.15	1.55	ELM2CM471P25KT	
	470	30×20	0.15	1.30	ELM2CM471Q20KT	
	560	22×35	0.15	1.67	ELM2CM561O35KT	
	560	25×30	0.15	1.67	ELM2CM561P30KT	
	560	30×25	0.15	1.67	ELM2CM561Q25KT	
	560	35×20	0.15	1.46	ELM2CM561R20KT	
	680	22×40	0.15	1.82	ELM2CM681O40KT	
	680	25×30	0.15	1.82	ELM2CM681P30KT	
	680	30×25	0.15	1.82	ELM2CM681Q25KT	
	680	35×20	0.15	1.51	ELM2CM681R20KT	
	820	22×45	0.15	2.04	ELM2CM821O45KT	
	820	25×35	0.15	2.04	ELM2CM821P35KT	
	820	30×30	0.15	2.04	ELM2CM821Q30KT	
	820	35×25	0.15	2.04	ELM2CM821R25KT	
	1000	22×50	0.15	2.25	ELM2CM102O50KT	
	1000	25×40	0.15	2.25	ELM2CM102P40KT	
	1000	30×30	0.15	2.25	ELM2CM102Q30KT	
	1000	35×25	0.15	2.25	ELM2CM102R25KT	
	1200	25×45	0.15	2.49	ELM2CM122P45KT	
	1200	30×35	0.15	2.49	ELM2CM122Q35KT	
	1200	30×40	0.15	2.54	ELM2CM122Q40KT	
	1200	35×30	0.15	2.49	ELM2CM122R30KT	
	1500	25×60	0.15	2.97	ELM2CM152P60KT	
	1500	30×40	0.15	2.84	ELM2CM152Q40KT	
	1800	30×45	0.15	3.32	ELM2CM182Q45KT	
	1800	35×35	0.15	3.00	ELM2CM182R35KT	
	2200	30×60	0.15	3.86	ELM2CM222Q60KT	
	2200	35×45	0.15	3.50	ELM2CM222R45KT	
	2700	35×50	0.15	4.00	ELM2CM272R50KT	
	3300	35×60	0.15	4.35	ELM2CM332R60KT	
	180	180	22×20	0.15	0.80	ELM2LM181O20KT
		220	25×20	0.15	0.90	ELM2LM221P20KT
270		22×25	0.15	1.00	ELM2LM271O25KT	
270		25×20	0.15	0.95	ELM2LM271P20KT	
330		22×25	0.15	1.20	ELM2LM331O25KT	
330		25×25	0.15	1.16	ELM2LM331P25KT	
330		30×20	0.15	1.15	ELM2LM331Q20KT	
390		22×30	0.15	1.35	ELM2LM391O30KT	
390		25×25	0.15	1.35	ELM2LM391P25KT	
390		30×20	0.15	1.20	ELM2LM391Q20KT	
470		22×35	0.15	1.50	ELM2LM471O35KT	
470		25×30	0.15	1.50	ELM2LM471P30KT	
470		30×25	0.15	1.50	ELM2LM471Q25KT	
470		35×20	0.15	1.36	ELM2LM471R20KT	
560		22×40	0.15	1.67	ELM2LM561O40KT	
560		25×30	0.15	1.67	ELM2LM561P30KT	
560		30×25	0.15	1.67	ELM2LM561Q25KT	
560		35×20	0.15	1.43	ELM2LM561R20KT	
680		22×45	0.15	1.78	ELM2LM681O45KT	
680		25×35	0.15	1.78	ELM2LM681P35KT	
680		30×30	0.15	1.78	ELM2LM681Q30KT	
680		35×25	0.15	1.83	ELM2LM681R25KT	
820		22×50	0.15	2.04	ELM2LM821O50KT	
820		25×40	0.15	2.04	ELM2LM821P40KT	
820		30×30	0.15	2.04	ELM2LM821Q30KT	
820		35×25	0.15	2.04	ELM2LM821R25KT	
1000		25×45	0.15	2.30	ELM2LM102P45KT	
1000		30×35	0.15	2.30	ELM2LM102Q35KT	
1000		35×30	0.15	2.30	ELM2LM102R30KT	
1200		25×50	0.15	2.55	ELM2LM122P50KT	
1200		30×40	0.15	2.55	ELM2LM122Q40KT	
1200		35×30	0.15	2.55	ELM2LM122R30KT	
1500		30×45	0.15	2.90	ELM2LM152Q45KT	
1500		35×35	0.15	2.85	ELM2LM152R35KT	
1800		30×60	0.15	3.49	ELM2LM182Q60KT	
1800		35×40	0.15	3.10	ELM2LM182R40KT	
2200		35×50	0.15	3.65	ELM2LM222R50KT	
2700		35×60	0.15	4.12	ELM2LM272R60KT	

WV (V <sub>dc</sub> )	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
200	150	22×20	0.15	0.73	ELM2DM151O20KT
	180	22×20	0.15	0.80	ELM2DM181O20KT
	220	25×20	0.15	0.85	ELM2DM221P20KT
	270	22×25	0.15	1.10	ELM2DM271O25KT
	270	30×20	0.15	1.05	ELM2DM271Q20KT
	330	22×30	0.15	1.25	ELM2DM331O30KT
	330	25×25	0.15	1.25	ELM2DM331P25KT
	330	30×20	0.15	1.10	ELM2DM331Q20KT
	390	22×30	0.15	1.35	ELM2DM391O30KT
	390	25×25	0.15	1.35	ELM2DM391P25KT
	390	30×25	0.15	1.30	ELM2DM391Q25KT
	390	35×20	0.15	1.30	ELM2DM391R20KT
	470	22×35	0.15	1.50	ELM2DM471O35KT
	470	22×40	0.15	1.54	ELM2DM471O40KT
	470	25×30	0.15	1.50	ELM2DM471P30KT
	470	30×25	0.15	1.50	ELM2DM471Q25KT
	470	35×20	0.15	1.41	ELM2DM471R20KT
	560	22×40	0.15	1.67	ELM2DM561O40KT
	560	25×30	0.15	1.67	ELM2DM561P30KT
	560	30×25	0.15	1.67	ELM2DM561Q25KT
	680	22×45	0.15	1.78	ELM2DM681O45KT
	680	25×35	0.15	1.78	ELM2DM681P35KT
	680	30×30	0.15	1.78	ELM2DM681Q30KT
	680	35×25	0.15	1.78	ELM2DM681R25KT
	820	25×45	0.15	2.04	ELM2DM821P45KT
	820	30×30	0.15	2.04	ELM2DM821Q30KT
	820	30×35	0.15	2.08	ELM2DM821Q35KT
	820	25×40	0.15	2.04	ELM2DM821P40KT
	1000	25×50	0.15	2.30	ELM2DM102P50KT
	1000	30×35	0.15	2.30	ELM2DM102Q35KT
	1000	35×30	0.15	2.30	ELM2DM102R30KT
	1200	25×60	0.15	2.66	ELM2DM122P60KT
	1200	30×45	0.15	2.65	ELM2DM122Q45KT
	1200	35×35	0.15	2.65	ELM2DM122R35KT
	1500	30×50	0.15	3.08	ELM2DM152Q50KT
	1500	35×40	0.15	3.08	ELM2DM152R40KT
	1800	30×60	0.15	3.49	ELM2DM182Q60KT
	1800	35×45	0.15	3.48	ELM2DM182R45KT
	2200	35×55	0.15	3.62	ELM2DM222R55KT
	3300	40×60	0.15	4.00	ELM2DM332Y60PT
220	150	22×20	0.15	0.67	ELM2NM151O20KT
	180	25×20	0.15	0.76	ELM2NM181P20KT
	220	22×25	0.15	1.00	ELM2NM221O25KT
	220	25×20	0.15	0.84	ELM2NM221P20KT
	270	22×30	0.15	1.15	ELM2NM271O30KT
	270	25×25	0.15	1.08	ELM2NM271P25KT
	270	30×20	0.15	0.98	ELM2NM271Q20KT
	330	22×35	0.15	1.25	ELM2NM331O35KT
	330	25×25	0.15	1.25	ELM2NM331P25KT
	330	35×20	0.15	1.13	ELM2NM331R20KT
	390	22×35	0.15	1.40	ELM2NM391O35KT
	390	25×30	0.15	1.40	ELM2NM391P30KT
	390	30×25	0.15	1.36	ELM2NM391Q25KT
	390	35×20	0.15	1.23	ELM2NM391R20KT
	470	22×40	0.15	1.51	ELM2NM471O40KT
	470	25×35	0.15	1.54	ELM2NM471P35KT
	470	30×25	0.15	1.50	ELM2NM471Q25KT
	560	22×45	0.15	1.70	ELM2NM561O45KT
	560	25×40	0.15	1.72	ELM2NM561P40KT
	560	30×30	0.15	1.70	ELM2NM561Q30KT
	560	35×25	0.15	1.71	ELM2NM561R25KT
	680	25×45	0.15	1.94	ELM2NM681P45KT
	680	30×35	0.15	1.93	ELM2NM681Q35KT
	680	35×25	0.15	1.89	ELM2NM681R25KT
	820	25×50	0.15	2.18	ELM2NM821P50KT
	820	30×40	0.15	2.19	ELM2NM821Q40KT
	820	35×30	0.15	2.16	ELM2NM821R30KT
	1000	25×60	0.15	2.54	ELM2NM102P60KT
	1000	30×45	0.15	2.50	ELM2NM102Q45KT
	1000	35×35	0.15	2.44	ELM2NM102R35KT
	1200	30×50	0.15	2.81	ELM2NM122Q50KT
	1200	35×40	0.15	2.79	ELM2NM122R40KT
	1500	30×60	0.15	3.30	ELM2NM152Q60KT
	1500	35×45	0.15	3.22	ELM2NM152R45KT
	1800	35×50	0.15	3.63	ELM2NM182R50KT
	2200	35×60	0.15	4.23	ELM2NM222R60KT

LM series

■ STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
250	120	22x20	0.15	0.60	ELM2EM121O20KT
	150	25x20	0.15	0.74	ELM2EM151P20KT
	180	22x25	0.15	0.78	ELM2EM181O25KT
	180	25x20	0.15	0.75	ELM2EM181P20KT
	220	22x25	0.15	1.00	ELM2EM221O25KT
	220	25x25	0.15	0.95	ELM2EM221P25KT
	220	30x20	0.15	0.95	ELM2EM221Q20KT
	270	22x30	0.15	1.18	ELM2EM271O30KT
	270	25x25	0.15	1.18	ELM2EM271P25KT
	270	30x20	0.15	1.00	ELM2EM271Q20KT
	330	22x35	0.15	1.30	ELM2EM331O35KT
	330	25x30	0.15	1.30	ELM2EM331P30KT
	330	30x25	0.15	1.30	ELM2EM331Q25KT
	330	35x20	0.15	1.16	ELM2EM331R20KT
	390	22x40	0.15	1.49	ELM2EM391O40KT
	390	25x35	0.15	1.49	ELM2EM391P35KT
	390	30x25	0.15	1.49	ELM2EM391Q25KT
	470	22x45	0.15	1.65	ELM2EM471O45KT
	470	25x35	0.15	1.65	ELM2EM471P35KT
	470	30x25	0.15	1.60	ELM2EM471Q25KT
	470	30x30	0.15	1.65	ELM2EM471R30KT
	470	35x25	0.15	1.65	ELM2EM471R25KT
	560	22x50	0.15	1.67	ELM2EM561O50KT
	560	25x40	0.15	1.80	ELM2EM561P40KT
	560	30x30	0.15	1.80	ELM2EM561Q30KT
	560	35x25	0.15	1.80	ELM2EM561R25KT
	680	25x40	0.15	1.90	ELM2EM681P40KT
	680	25x50	0.15	2.00	ELM2EM681R40KT
	680	30x35	0.15	2.00	ELM2EM681Q35KT
	680	35x30	0.15	2.00	ELM2EM681R30KT
	820	25x60	0.15	2.20	ELM2EM821R60KT
	820	30x35	0.15	2.25	ELM2EM821Q35KT
820	30x40	0.15	2.30	ELM2EM821Q40KT	
820	35x35	0.15	2.30	ELM2EM821R35KT	
1000	30x40	0.15	2.00	ELM2EM102Q40KT	
1000	30x50	0.15	2.47	ELM2EM102Q50KT	
1000	35x40	0.15	2.47	ELM2EM102R40KT	
1200	30x50	0.15	2.60	ELM2EM122Q50KT	
1200	30x60	0.15	2.85	ELM2EM122Q60KT	
1200	35x45	0.15	2.60	ELM2EM122R45KT	
1500	35x50	0.15	3.00	ELM2EM152R50KT	
1500	40x45	0.15	3.00	ELM2EM152Y45PT	
1800	35x60	0.15	3.42	ELM2EM182R60KT	
2200	45x50	0.15	3.68	ELM2EM222I50PT	
315	68	22x20	0.15	0.45	ELM2FM680O20KT
	82	22x20	0.15	0.47	ELM2FM820O20KT
	100	22x25	0.15	0.61	ELM2FM101O25KT
	100	25x20	0.15	0.56	ELM2FM101P20KT
	120	22x25	0.15	0.75	ELM2FM121O25KT
	120	25x20	0.15	0.62	ELM2FM121P20KT
	120	30x20	0.15	0.65	ELM2FM121Q20KT
	150	22x30	0.15	0.82	ELM2FM151O30KT
	150	25x25	0.15	0.82	ELM2FM151P25KT
	150	30x20	0.15	0.70	ELM2FM151Q20KT
	150	35x20	0.15	0.76	ELM2FM151R20KT
	180	22x35	0.15	0.92	ELM2FM181O35KT
	180	25x25	0.15	0.92	ELM2FM181P25KT
	180	30x25	0.15	0.90	ELM2FM181Q25KT
	180	35x20	0.15	0.85	ELM2FM181R20KT
	220	22x40	0.15	1.04	ELM2FM221O40KT
	220	25x25	0.15	0.98	ELM2FM221P25KT
	220	25x30	0.15	1.04	ELM2FM221P30KT
	220	30x25	0.15	1.04	ELM2FM221Q25KT
	220	35x20	0.15	0.90	ELM2FM221R20KT
	270	22x45	0.15	1.16	ELM2FM271O45KT
	270	25x35	0.15	1.16	ELM2FM271P35KT
	270	30x25	0.15	1.16	ELM2FM271Q25KT
	270	35x25	0.15	1.15	ELM2FM271R25KT
	330	22x50	0.15	1.33	ELM2FM331O50KT
	330	25x40	0.15	1.33	ELM2FM331P40KT
	330	30x30	0.15	1.33	ELM2FM331Q30KT
	330	35x25	0.15	1.33	ELM2FM331R25KT
	390	25x45	0.15	1.47	ELM2FM391P45KT
	390	30x30	0.15	1.40	ELM2FM391Q30KT
	390	30x35	0.15	1.47	ELM2FM391Q35KT
	390	35x30	0.15	1.47	ELM2FM391R30KT
470	25x50	0.15	1.70	ELM2FM471P50KT	
470	30x40	0.15	1.70	ELM2FM471Q40KT	
470	35x30	0.15	1.70	ELM2FM471R30KT	
560	30x45	0.15	2.05	ELM2FM561Q45KT	

WV (V <sub>dc</sub> )	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
315	560	35x35	0.15	2.05	ELM2FM561R35KT
	680	30x50	0.15	2.17	ELM2FM681Q50KT
	680	35x40	0.15	2.17	ELM2FM681R40KT
	820	35x45	0.15	2.20	ELM2FM821R45KT
	1000	35x60	0.15	2.55	ELM2FM102R60KT
	350	56	22x20	0.15	0.41
68		25x20	0.15	0.46	ELM2VM680P20KT
82		22x25	0.15	0.55	ELM2VM820Q25KT
82		25x20	0.15	0.51	ELM2VM820P20KT
100		22x30	0.15	0.69	ELM2VM101O30KT
100		30x20	0.15	0.60	ELM2VM101Q20KT
120		22x30	0.15	0.75	ELM2VM121O30KT
120		25x25	0.15	0.75	ELM2VM121P25KT
120		30x20	0.15	0.65	ELM2VM121Q20KT
150		22x35	0.15	0.82	ELM2VM151O35KT
150		25x30	0.15	0.83	ELM2VM151P30KT
150		30x25	0.15	0.82	ELM2VM151Q25KT
150		35x20	0.15	0.76	ELM2VM151R20KT
180		22x40	0.15	0.92	ELM2VM181O40KT
180		25x30	0.15	0.92	ELM2VM181P30KT
180		30x25	0.15	0.90	ELM2VM181Q25KT
220		22x45	0.15	1.05	ELM2VM221O45KT
220		25x35	0.15	1.04	ELM2VM221P35KT
220		30x30	0.15	1.02	ELM2VM221Q30KT
220		35x25	0.15	1.04	ELM2VM221R25KT
270		22x50	0.15	1.16	ELM2VM271O50KT
270		25x40	0.15	1.18	ELM2VM271P40KT
270		30x30	0.15	1.17	ELM2VM271Q30KT
270		35x25	0.15	1.20	ELM2VM271R25KT
330	25x45	0.15	1.29	ELM2VM331P45KT	
330	30x35	0.15	1.34	ELM2VM331Q35KT	
330	35x30	0.15	1.22	ELM2VM331R30KT	
390	25x50	0.15	1.51	ELM2VM391P50KT	
390	30x40	0.15	1.51	ELM2VM391Q40KT	
390	35x35	0.15	1.47	ELM2VM391R35KT	
470	25x60	0.15	1.66	ELM2VM471P60KT	
470	30x45	0.15	1.65	ELM2VM471Q45KT	
470	35x35	0.15	1.69	ELM2VM471R35KT	
560	30x50	0.15	1.85	ELM2VM561Q50KT	
560	35x40	0.15	1.90	ELM2VM561R40KT	
680	30x60	0.15	2.15	ELM2VM681Q60KT	
680	35x50	0.15	1.99	ELM2VM681R50KT	
820	35x60	0.15	2.31	ELM2VM821R60KT	
400	47	22x20	0.15	0.37	ELM2GM470O20KT
	56	25x20	0.15	0.42	ELM2GM560P20KT
	68	22x25	0.15	0.50	ELM2GM680Q25KT
	68	25x20	0.15	0.46	ELM2GM680P20KT
	82	22x25	0.15	0.64	ELM2GM820Q25KT
	82	30x20	0.15	0.55	ELM2GM820Q20KT
	100	22x30	0.15	0.70	ELM2GM101O30KT
	100	25x25	0.15	0.70	ELM2GM101P25KT
	100	30x20	0.15	0.60	ELM2GM101Q20KT
	120	22x30	0.15	0.72	ELM2GM121O30KT
	120	22x35	0.15	0.75	ELM2GM121O35KT
	120	25x25	0.15	0.75	ELM2GM121P25KT
	120	30x25	0.15	0.73	ELM2GM121Q25KT
	120	35x20	0.15	0.75	ELM2GM121R20KT
	150	22x40	0.15	0.88	ELM2GM151O40KT
	150	25x30	0.15	0.88	ELM2GM151P30KT
	150	30x25	0.15	0.88	ELM2GM151Q25KT
	150	35x20	0.15	0.80	ELM2GM151R20KT
	180	22x45	0.15	0.98	ELM2GM181O45KT
	180	25x35	0.15	0.98	ELM2GM181P35KT
	180	30x30	0.15	0.98	ELM2GM181Q30KT
	180	35x25	0.15	0.98	ELM2GM181R25KT
	220	22x50	0.15	1.10	ELM2GM221O50KT
	220	25x35	0.15	1.08	ELM2GM221P35KT
	220	25x40	0.15	1.10	ELM2GM221P40KT
	220	30x30	0.15	1.10	ELM2GM221Q30KT
	220	35x25	0.15	1.10	ELM2GM221R25KT
	270	25x40	0.15	1.18	ELM2GM271P40KT
	270	25x45	0.15	1.22	ELM2GM271P45KT
	270	30x30	0.15	1.18	ELM2GM271Q30KT
	270	30x35	0.15	1.22	ELM2GM271Q35KT
	270	35x30	0.15	1.22	ELM2GM271R30KT
330	25x50	0.15	1.44	ELM2GM331P50KT	
330	30x35	0.15	1.40	ELM2GM331Q35KT	

Snap-in & Lug Terminal Type

**LM series**

■ STANDARD RATINGS

WV (Vdc)	Cap (µF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
400	330	30x40	0.15	1.44	ELM2GM331Q40KT
	330	35x30	0.15	1.44	ELM2GM331R30KT
	390	25x60	0.15	1.51	ELM2GM391P60KT
	390	30x45	0.15	1.60	ELM2GM391Q45KT
	390	35x35	0.15	1.60	ELM2GM391R35KT
	470	25x50	0.15	1.80	ELM2GM471P50KT
	470	30x50	0.15	1.90	ELM2GM471Q50KT
	470	35x35	0.15	1.80	ELM2GM471R35KT
	470	35x40	0.15	1.90	ELM2GM471R40KT
	470	35x45	0.15	2.00	ELM2GM471R45KT
	560	30x50	0.15	2.05	ELM2GM561Q50KT
	560	30x60	0.15	2.10	ELM2GM561Q60KT
	560	35x45	0.15	2.12	ELM2GM561R45KT
	680	35x45	0.15	2.20	ELM2GM681R45KT
	680	35x50	0.15	2.27	ELM2GM681R50KT
	820	35x60	0.15	2.42	ELM2GM821R60KT
	1000	35x65	0.15	2.60	ELM2GM102R65KT
	1200	35x65	0.15	2.70	ELM2GM122R65KT
	1200	40x80	0.15	2.80	ELM2GM122Y80PT
	1500	40x80	0.15	3.00	ELM2GM152Y80PT
2200	45x100	0.15	3.50	ELM2GM222IA0PT	
420	47	22x20	0.20	0.37	ELM2TM470O20KT
	56	25x20	0.20	0.42	ELM2TM560P20KT
	68	22x25	0.20	0.50	ELM2TM680O25KT
	68	25x20	0.20	0.46	ELM2TM680P20KT
	82	22x25	0.20	0.64	ELM2TM820O25KT
	82	25x20	0.20	0.56	ELM2TM820P20KT
	82	25x25	0.20	0.58	ELM2TM820P25KT
	82	30x20	0.20	0.53	ELM2TM820Q20KT
	100	22x30	0.20	0.70	ELM2TM101O30KT
	100	25x25	0.20	0.70	ELM2TM101P25KT
	100	30x20	0.20	0.59	ELM2TM101Q20KT
	120	22x35	0.20	0.75	ELM2TM121O35KT
	120	25x30	0.20	0.75	ELM2TM121P30KT
	120	30x25	0.20	0.73	ELM2TM121Q25KT
	120	35x20	0.20	0.67	ELM2TM121R20KT
	150	22x40	0.20	0.88	ELM2TM151O40KT
	150	25x35	0.20	0.88	ELM2TM151P35KT
	150	30x25	0.20	0.88	ELM2TM151Q25KT
	180	22x45	0.20	0.95	ELM2TM181O45KT
	180	25x35	0.20	0.95	ELM2TM181P35KT
	180	30x30	0.20	0.95	ELM2TM181Q30KT
	180	35x25	0.20	0.94	ELM2TM181R25KT
	220	22x50	0.20	1.10	ELM2TM221O50KT
	220	25x45	0.20	1.10	ELM2TM221P45KT
	220	30x35	0.20	1.10	ELM2TM221Q35KT
	220	35x25	0.20	1.10	ELM2TM221R25KT
	270	25x50	0.20	1.22	ELM2TM271P50KT
	270	30x40	0.20	1.22	ELM2TM271Q40KT
	270	35x30	0.20	1.22	ELM2TM271R30KT
	330	25x60	0.20	1.41	ELM2TM331P60KT
	330	30x45	0.20	1.45	ELM2TM331Q45KT
	330	35x35	0.20	1.45	ELM2TM331R35KT
390	30x50	0.20	1.55	ELM2TM391Q50KT	
390	35x40	0.20	1.55	ELM2TM391R40KT	
470	30x60	0.20	1.79	ELM2TM471Q60KT	
470	35x45	0.20	1.90	ELM2TM471R45KT	
560	35x50	0.20	2.15	ELM2TM561R50KT	
680	35x60	0.20	2.27	ELM2TM681R60KT	
450	56	22x25	0.20	0.40	ELM2WM560O25KT
	68	22x30	0.20	0.53	ELM2WM680O30KT
	68	25x25	0.20	0.50	ELM2WM680P25KT
	82	22x30	0.20	0.64	ELM2WM820O30KT
	82	25x25	0.20	0.64	ELM2WM820P25KT
	100	22x30	0.20	0.69	ELM2WM101O30KT
	100	25x25	0.20	0.69	ELM2WM101P25KT
	120	22x35	0.20	0.80	ELM2WM121O35KT
	120	25x30	0.20	0.80	ELM2WM121P30KT

WV (Vdc)	Cap (µF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
450	120	30x25	0.20	0.80	ELM2WM121Q25KT
	150	22x40	0.20	0.88	ELM2WM151O40KT
	150	25x30	0.20	0.88	ELM2WM151P30KT
	150	30x25	0.20	0.88	ELM2WM151Q25KT
	180	22x45	0.20	1.00	ELM2WM181O45KT
	180	25x35	0.20	1.00	ELM2WM181P35KT
	180	30x25	0.20	0.92	ELM2WM181Q25KT
	180	30x30	0.20	1.00	ELM2WM181Q30KT
	220	22x45	0.20	1.10	ELM2WM221O45KT
	220	25x35	0.20	1.10	ELM2WM221P35KT
	220	25x40	0.20	1.12	ELM2WM221P40KT
	220	25x45	0.20	1.18	ELM2WM221P45KT
	220	30x25	0.20	1.00	ELM2WM221Q25KT
	220	30x30	0.20	1.08	ELM2WM221Q30KT
	220	30x35	0.20	1.12	ELM2WM221Q35KT
	220	35x25	0.20	1.12	ELM2WM221R25KT
	270	25x50	0.20	1.18	ELM2WM271P50KT
	270	30x30	0.20	1.10	ELM2WM271Q30KT
	270	30x35	0.20	1.26	ELM2WM271Q35KT
	270	30x40	0.20	1.28	ELM2WM271Q40KT
	270	35x30	0.20	1.20	ELM2WM271R30KT
	270	35x35	0.20	1.28	ELM2WM271R35KT
	330	25x45	0.20	1.24	ELM2WM331P45KT
	330	25x50	0.20	1.31	ELM2WM331P50KT
	330	30x45	0.20	1.40	ELM2WM331Q45KT
	330	35x35	0.20	1.38	ELM2WM331R35KT
	390	25x60	0.20	1.48	ELM2WM391P60KT
	390	30x50	0.20	1.51	ELM2WM391Q50KT
	390	35x40	0.20	1.55	ELM2WM391R40KT
	470	30x45	0.20	1.60	ELM2WM471O45KT
	470	35x40	0.20	1.70	ELM2WM471R40KT
	470	35x50	0.20	1.85	ELM2WM471R50KT
	560	30x50	0.20	1.72	ELM2WM561Q50KT
	560	30x55	0.20	1.84	ELM2WM561Q55KT
	560	35x45	0.20	1.84	ELM2WM561R45KT
	560	35x50	0.20	1.91	ELM2WM561R50KT
	680	30x65	0.20	2.00	ELM2WM681Q65KT
	680	35x55	0.20	2.10	ELM2WM681R55KT
	820	35x65	0.20	2.30	ELM2WM821R65KT
	1000	35x70	0.20	2.50	ELM2WM102R70PT
1500	45x83	0.20	2.80	ELM2WM152I83PT	
500	47	22x25	0.20	0.51	ELM2HM470O25KT
	56	22x30	0.20	0.58	ELM2HM560O30KT
	68	25x25	0.20	0.65	ELM2HM680P25KT
	82	22x35	0.20	0.72	ELM2HM820O35KT
	82	25x30	0.20	0.74	ELM2HM820P30KT
	100	22x45	0.20	0.83	ELM2HM101O45KT
	100	30x25	0.20	0.82	ELM2HM101Q25KT
	120	22x50	0.20	0.93	ELM2HM121O50KT
	120	25x35	0.20	0.93	ELM2HM121P35KT
	120	25x40	0.20	0.95	ELM2HM121P40KT
	120	30x30	0.20	0.91	ELM2HM121Q30KT
	150	22x50	0.20	1.08	ELM2HM151O50KT
	150	25x45	0.20	1.08	ELM2HM151P45KT
	150	30x35	0.20	1.04	ELM2HM151Q35KT
	150	35x25	0.20	0.99	ELM2HM151R25KT
	180	25x50	0.20	1.20	ELM2HM181P50KT
	180	30x40	0.20	1.17	ELM2HM181Q40KT
	180	35x30	0.20	1.10	ELM2HM181R30KT
	220	30x45	0.20	1.33	ELM2HM221Q45KT
	220	35x35	0.20	1.23	ELM2HM221R35KT
	270	30x50	0.20	1.38	ELM2HM271Q50KT
	270	35x40	0.20	1.40	ELM2HM271R40KT
	330	35x40	0.20	1.52	ELM2HM331R40KT
	330	35x45	0.20	1.55	ELM2HM331R45KT
390	35x50	0.20	1.68	ELM2HM391R50KT	
470	35x60	0.20	1.76	ELM2HM471R60KT	

# LM series

## ■ STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part Number
550	82	22x35	0.20	0.72	ELM2JM820O35KT
	82	25x30	0.20	0.74	ELM2JM820P30KT
	100	22x45	0.20	0.83	ELM2JM101O45KT
	100	25x35	0.20	0.85	ELM2JM101P35KT
	100	30x25	0.20	0.82	ELM2JM101Q25KT
	120	22x50	0.20	0.93	ELM2JM121O50KT
	120	25x40	0.20	0.95	ELM2JM121P40KT
	120	30x30	0.20	0.91	ELM2JM121Q30KT
	120	35x25	0.20	0.88	ELM2JM121R25KT
	150	25x45	0.20	1.08	ELM2JM151P45KT
	150	30x35	0.20	1.04	ELM2JM151Q35KT
	180	25x50	0.20	1.20	ELM2JM181P50KT
	180	30x40	0.20	1.17	ELM2JM181Q40KT
	180	35x30	0.20	1.10	ELM2JM181R30KT
	220	30x45	0.20	1.33	ELM2JM221Q45KT
	220	35x35	0.20	1.23	ELM2JM221R35KT
	270	30x50	0.20	1.50	ELM2JM271Q50KT
	270	35x40	0.20	1.42	ELM2JM271R40KT
	330	35x50	0.20	1.60	ELM2JM331R50KT
	390	35x55	0.20	1.64	ELM2JM391R55KT
470	35x60	0.20	1.80	ELM2JM471R60KT	
600	100	30x30	0.20	0.83	ELM2KM101Q30KT
	100	35x25	0.20	0.85	ELM2KM101R25KT
	120	30x35	0.20	0.93	ELM2KM121Q35KT
	150	30x40	0.20	1.07	ELM2KM151Q40KT
	150	35x30	0.20	1.06	ELM2KM151R30KT
	180	30x45	0.20	1.20	ELM2KM181Q30KT
	180	30x50	0.20	1.22	ELM2KM181Q50KT
	180	35x35	0.20	1.18	ELM2KM181R35KT
	220	30x60	0.20	1.40	ELM2KM221Q60KT
	220	35x40	0.20	1.35	ELM2KM221R40KT
	220	35x45	0.20	1.38	ELM2KM221R45KT
	270	35x50	0.20	1.56	ELM2KM271R50KT
	330	35x60	0.20	1.79	ELM2KM331R60KT

※ Specifications subject to change without notice.