

LK series

- Standard series for general purpose
- Endurance: 2,000 hours at 85°C
- RoHS Compliant

Upgrade

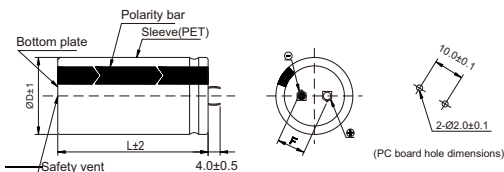


SPECIFICATIONS

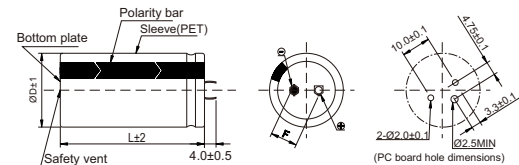
Items	Characteristics													
Category Temperature Range	-40~+85°C								-25~ +85°C					
Rated Voltage Range	10~100V _{dc}								160~600V _{dc}					
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)													
Leakage Current	I≤3√CV Where, I: Max.leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V) (at 20 °C after 5 minutes)													
Dissipation Factor (tanδ)	Rated Voltage (V _{dc})	10	16	25	35	50	63	80	100	160 to 250	315 to 500	550	600	(at 20°C, 120Hz)
	Dissipation Factor(Max.)	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.15	0.20	0.30	
Low Temperature Characteristics (Max. Impedance Ratio)	Rated Voltage (V _{dc})	10	16	25	35	50	63	80	100	160 to 250	310 to 500	550	600	(at 120Hz)
	Z(-25°C)/Z(+20°C)	4	4	3	3	2	2	2	2	4	8	8	10	
	Z(-40°C)/Z(+20°C)	15	15	10	8	6	6	5	5	-	-	-	-	
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 2,000 hours at 85°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 85°C without voltage applied.													
	Capacitance Change	≤±20% of the initial value												
	Dissipation Factor	≤150% of the initial specified value												
	Leakage Current	≤200% of the initial specified value												

DIMENSIONS [mm]

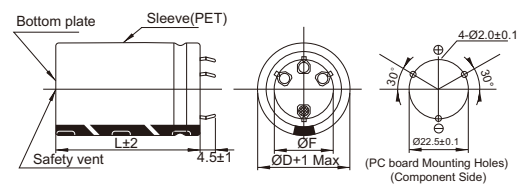
- Terminal Code : K (Φ22 to Φ35) : Standard



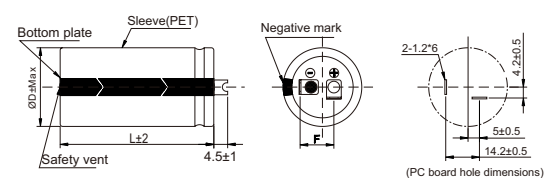
- Terminal Code : T (Φ22 to Φ35) : Standard



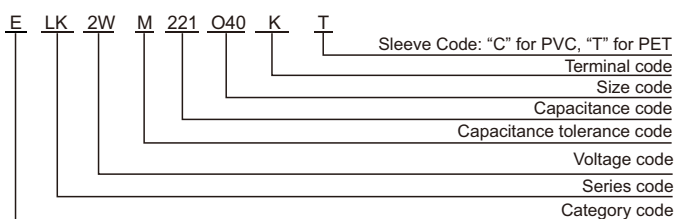
- Terminal Code: P (Φ35 to Φ45): Standard



- 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
10~50	1.00	1.03	1.05	1.08
63~100	1.00	1.07	1.13	1.19
160~250	1.00	1.32	1.45	1.50
315~600	1.00	1.30	1.41	1.43

LK series

STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Size ΦD×L(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
10	12000	22×25	0.55	2.41	ELK1AM123O25KT
	15000	22×30	0.55	2.88	ELK1AM153O30KT
	15000	25×25	0.55	2.88	ELK1AM153P25KT
	18000	22×35	0.55	3.22	ELK1AM183O35KT
	18000	25×30	0.55	3.08	ELK1AM183P30KT
	22000	22×40	0.55	3.79	ELK1AM223O40KT
	22000	25×30	0.55	3.66	ELK1AM223P30KT
	22000	30×25	0.55	3.53	ELK1AM223Q25KT
	27000	22×45	0.55	4.04	ELK1AM273O45KT
	27000	25×35	0.55	4.04	ELK1AM273P35KT
	27000	30×30	0.55	3.99	ELK1AM273Q30KT
	33000	22×50	0.55	4.58	ELK1AM333O50KT
	33000	25×40	0.55	4.56	ELK1AM333P40KT
	33000	30×30	0.55	4.58	ELK1AM333Q30KT
	39000	25×45	0.55	5.29	ELK1AM393P45KT
	39000	30×35	0.55	5.21	ELK1AM393Q35KT
	39000	35×30	0.55	5.05	ELK1AM393R30KT
	47000	25×50	0.55	5.78	ELK1AM473P50KT
	47000	30×40	0.55	5.78	ELK1AM473Q40KT
	47000	35×35	0.55	5.55	ELK1AM473R35KT
16	56000	30×45	0.55	6.59	ELK1AM563Q45KT
	56000	35×35	0.55	6.40	ELK1AM563R35KT
	68000	30×50	0.55	7.50	ELK1AM683Q50KT
	68000	35×40	0.55	7.48	ELK1AM683R40KT
	82000	35×50	0.55	8.50	ELK1AM823R50KT
	8200	22×25	0.50	2.56	ELK1CM822O25KT
	10000	22×30	0.50	2.81	ELK1CM103O30KT
	12000	22×30	0.50	3.31	ELK1CM123O30KT
	12000	25×25	0.50	2.96	ELK1CM123P25KT
	15000	22×35	0.50	3.69	ELK1CM153O35KT
	15000	25×30	0.50	3.64	ELK1CM153P30KT
	15000	30×25	0.50	3.73	ELK1CM153Q25KT
	18000	22×40	0.50	3.98	ELK1CM183O40KT
	18000	25×35	0.50	3.98	ELK1CM183P35KT
	18000	30×30	0.50	3.88	ELK1CM183Q30KT
	22000	22×50	0.50	4.52	ELK1CM223O50KT
	22000	25×40	0.50	4.44	ELK1CM223P40KT
	22000	30×30	0.50	4.38	ELK1CM223Q30KT
	27000	25×45	0.50	4.98	ELK1CM273P45KT
	27000	30×35	0.50	4.82	ELK1CM273Q35KT
25	27000	35×30	0.50	4.82	ELK1CM273R30KT
	33000	25×50	0.50	5.49	ELK1CM333P50KT
	33000	30×40	0.50	5.38	ELK1CM333Q40KT
	33000	35×35	0.50	5.33	ELK1CM333R35KT
	39000	30×45	0.50	6.11	ELK1CM393Q45KT
	39000	35×35	0.50	6.01	ELK1CM393R35KT
	47000	30×50	0.50	6.80	ELK1CM473Q50KT
	47000	35×40	0.50	6.80	ELK1CM473R40KT
	56000	35×45	0.50	7.62	ELK1CM563R45KT
	5600	22×25	0.45	2.31	ELK1EM562O25KT
	6800	22×30	0.45	2.56	ELK1EM682O30KT
	8200	22×35	0.45	2.81	ELK1EM822O35KT
	8200	25×25	0.45	2.78	ELK1EM822P25KT
	10000	22×35	0.45	3.18	ELK1EM103O35KT
	10000	25×30	0.45	3.16	ELK1EM103P30KT
	12000	22×45	0.45	3.53	ELK1EM123O45KT
	12000	25×35	0.45	3.48	ELK1EM123P35KT
	12000	30×25	0.45	3.53	ELK1EM123Q25KT
	15000	22×50	0.45	4.08	ELK1EM153O50KT
	15000	25×40	0.45	4.00	ELK1EM153P40KT
	15000	30×30	0.45	4.00	ELK1EM153Q30KT

WV (V _{dc})	Cap (μF)	Size ΦD×L(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
25	18000	25×45	0.45	4.68	ELK1EM183P45KT
	18000	30×35	0.45	4.66	ELK1EM183Q35KT
	18000	35×30	0.45	4.68	ELK1EM183R30KT
	22000	30×40	0.45	5.19	ELK1EM223Q40KT
	22000	35×35	0.45	5.20	ELK1EM223R35KT
	27000	30×45	0.45	6.02	ELK1EM273Q45KT
	27000	35×40	0.45	6.02	ELK1EM273R40KT
	33000	35×45	0.45	6.75	ELK1EM333R45KT
	39000	35×50	0.45	7.56	ELK1EM393R50KT
	3900	22×25	0.40	2.22	ELK1VM392O25KT
35	4700	22×30	0.40	2.46	ELK1VM472O30KT
	4700	25×25	0.40	2.43	ELK1VM472P25KT
	5600	22×35	0.40	2.79	ELK1VM562O35KT
	5600	25×30	0.40	2.75	ELK1VM562P30KT
	6800	22×40	0.40	2.89	ELK1VM682O40KT
	6800	25×30	0.40	2.89	ELK1VM682P30KT
	6800	30×25	0.40	3.09	ELK1VM682Q25KT
	8200	22×45	0.40	3.47	ELK1VM822O45KT
	8200	25×35	0.40	3.33	ELK1VM822P35KT
	8200	30×30	0.40	3.29	ELK1VM822Q30KT
	10000	22×50	0.40	3.59	ELK1VM103O50KT
	10000	25×40	0.40	3.59	ELK1VM103P40KT
	10000	30×30	0.40	3.61	ELK1VM103Q30KT
	10000	35×25	0.4	3.61	ELK1VM103R25KT
	12000	25×45	0.40	4.01	ELK1VM123P45KT
	12000	30×35	0.40	4.01	ELK1VM123Q35KT
	12000	35×30	0.40	4.02	ELK1VM123R30KT
	15000	30×40	0.40	4.80	ELK1VM153Q40KT
	15000	35×35	0.40	4.80	ELK1VM153R35KT
	18000	30×45	0.40	5.18	ELK1VM183Q45KT
50	18000	35×40	0.40	5.71	ELK1VM183R40KT
	22000	35×45	0.40	6.38	ELK1VM223R45KT
	27000	35×50	0.40	6.90	ELK1VM273R50KT
	2200	22×25	0.35	1.93	ELK1HM222O25KT
	2700	22×30	0.35	2.21	ELK1HM272O30KT
	3300	22×30	0.35	2.41	ELK1HM332O30KT
	3300	25×25	0.35	2.38	ELK1HM332P25KT
	3900	22×35	0.35	2.72	ELK1HM392O35KT
	3900	25×30	0.35	2.68	ELK1HM392P30KT
	4700	22×40	0.35	3.01	ELK1HM472O40KT
	4700	25×30	0.35	3.03	ELK1HM472P30KT
	4700	30×25	0.35	3.01	ELK1HM472Q25KT
	5600	22×45	0.35	3.43	ELK1HM562O45KT
	5600	25×35	0.35	3.37	ELK1HM562P35KT
	5600	30×30	0.35	3.43	ELK1HM562Q30KT
	6800	22×50	0.35	3.94	ELK1HM682O50KT
	6800	25×40	0.35	3.87	ELK1HM682P40KT
	6800	30×35	0.35	3.87	ELK1HM682Q35KT
	8200	25×45	0.35	4.37	ELK1HM822P45KT
	8200	30×35	0.35	4.42	ELK1HM822Q35KT
63	8200	35×30	0.35	4.41	ELK1HM822R30KT
	10000	30×40	0.35	5.02	ELK1HM103Q40KT
	10000	35×35	0.35	4.92	ELK1HM103R35KT
	12000	30×50	0.35	5.60	ELK1HM123O50KT
	12000	35×40	0.35	5.60	ELK1HM123R40KT
	15000	35×45	0.35	6.44	ELK1HM153R45KT
	18000	35×50	0.35	6.71	ELK1HM183R50KT
	1800	22×25	0.30	1.90	ELK1JM182O25KT
	2200	22×30	0.30	2.35	ELK1JM222O30KT
	2200	25×25	0.30	2.30	ELK1JM222P25KT
75	2700	22×35	0.30	2.50	ELK1JM272O35KT
	2700	25×30	0.30	2.49	ELK1JM272P30KT

LK series

STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
63	3300	22×40	0.30	2.69	ELK1JM332O40KT
	3300	25×30	0.30	2.69	ELK1JM332P30KT
	3300	30×25	0.30	2.78	ELK1JM332Q25KT
	3900	22×45	0.30	3.10	ELK1JM392O45KT
	3900	25×35	0.30	3.09	ELK1JM392P35KT
	3900	30×30	0.30	3.09	ELK1JM392Q30KT
	4700	22×50	0.30	3.49	ELK1JM472O50KT
	4700	25×40	0.30	3.37	ELK1JM472P40KT
	4700	30×30	0.30	3.37	ELK1JM472Q30KT
	5600	25×45	0.30	3.80	ELK1JM562P45KT
	5600	30×35	0.30	3.81	ELK1JM562Q35KT
	5600	35×30	0.30	3.75	ELK1JM562R30KT
	6800	25×50	0.30	4.41	ELK1JM682P50KT
	6800	30×40	0.30	4.41	ELK1JM682Q40KT
	6800	35×35	0.30	4.33	ELK1JM682R35KT
	8200	30×45	0.30	4.90	ELK1JM822Q45KT
	8200	35×35	0.30	4.80	ELK1JM822R35KT
	10000	30×50	0.30	5.49	ELK1JM103Q50KT
	10000	35×40	0.30	5.47	ELK1JM103R40KT
	12000	35×50	0.30	6.30	ELK1JM123R50KT
80	1200	22×25	0.25	1.77	ELK1BM122O25KT
	1500	22×30	0.25	2.01	ELK1BM152O30KT
	1800	22×35	0.25	2.25	ELK1BM182O35KT
	1800	25×25	0.25	2.26	ELK1BM182P25KT
	2200	22×40	0.25	2.53	ELK1BM222O40KT
	2200	25×30	0.25	2.53	ELK1BM222P30KT
	2200	30×25	0.25	2.50	ELK1BM222Q25KT
	2700	22×45	0.25	2.93	ELK1BM272O45KT
	2700	25×35	0.25	2.93	ELK1BM272P35KT
	2700	30×30	0.25	2.91	ELK1BM272Q30KT
	3300	22×50	0.25	3.25	ELK1BM332O50KT
	3300	25×40	0.25	3.25	ELK1BM332P40KT
	3300	30×30	0.25	3.23	ELK1BM332Q30KT
	3900	25×45	0.25	3.62	ELK1BM392P45KT
	3900	30×35	0.25	3.62	ELK1BM392Q35KT
	4700	25×50	0.25	4.28	ELK1BM472P50KT
	4700	30×40	0.25	4.15	ELK1BM472Q40KT
	4700	35×30	0.25	4.10	ELK1BM472R30KT
	5600	30×45	0.25	4.55	ELK1BM562Q45KT
	5600	35×35	0.25	4.51	ELK1BM562R35KT
100	6800	30×50	0.25	5.18	ELK1BM682Q50KT
	6800	35×40	0.25	5.14	ELK1BM682R40KT
	8200	35×45	0.25	5.83	ELK1BM822R45KT
	820	22×25	0.20	1.86	ELK1KM821O25KT
	1000	22×30	0.20	2.02	ELK1KM102O30KT
	1200	22×30	0.20	2.12	ELK1KM122O30KT
	1200	25×25	0.20	2.10	ELK1KM122P25KT
	1500	22×35	0.20	2.45	ELK1KM152O35KT
	1500	25×30	0.20	2.43	ELK1KM152P30KT
	1800	22×40	0.20	2.77	ELK1KM182O40KT
	1800	25×35	0.20	2.77	ELK1KM182P35KT
	1800	30×25	0.20	2.65	ELK1KM182Q25KT
	2200	22×45	0.20	3.12	ELK1KM222O45KT
	2200	25×40	0.20	3.20	ELK1KM222P40KT
	2200	30×30	0.20	3.10	ELK1KM222Q30KT
	2700	25×45	0.20	3.61	ELK1KM272P45KT
	2700	30×35	0.20	3.60	ELK1KM272Q35KT
	2700	35×30	0.20	3.71	ELK1KM272R30KT
	3300	25×50	0.20	4.06	ELK1KM182P35KT
	3300	30×40	0.20	4.05	ELK1KM332Q40KT
100	3300	35×35	0.20	4.07	ELK1KM332R35KT
	3900	30×45	0.20	4.60	ELK1KM392Q45KT
	3900	35×35	0.20	4.50	ELK1KM392R35KT
	4700	30×50	0.20	5.13	ELK1KM472Q50KT
	4700	35×40	0.20	5.12	ELK1KM472R40KT

WV (V _{dc})	Cap (μF)	Size ΦDxL(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
100	5600	35×45	0.20	5.75	ELK1KM562R45KT
	6800	35×55	0.20	6.01	ELK1KM682R55KT
	390	22×25	0.15	1.55	ELK2CM391O25KT
	470	22×30	0.15	1.77	ELK2CM471O30KT
	470	25×25	0.15	1.77	ELK2CM471P25KT
	560	22×35	0.15	2.05	ELK2CM561O35KT
	560	25×30	0.15	2.05	ELK2CM561P30KT
	680	22×40	0.15	2.24	ELK2CM681O40KT
	680	25×30	0.15	2.22	ELK2CM681P30KT
	680	30×25	0.15	2.22	ELK2CM681Q25KT
	820	22×45	0.15	2.55	ELK2CM821O45KT
	820	25×35	0.15	2.52	ELK2CM821P35KT
	820	30×30	0.15	2.51	ELK2CM821Q30KT
	1000	22×50	0.15	2.88	ELK2CM102O50KT
	1000	25×40	0.15	2.86	ELK2CM102P40KT
	1000	30×30	0.15	2.82	ELK2CM102Q30KT
	1200	25×45	0.15	3.27	ELK2CM122P45KT
	1200	30×35	0.15	3.25	ELK2CM122Q35KT
	1200	35×30	0.15	3.24	ELK2CM122R30KT
	1500	30×40	0.15	3.77	ELK2CM152Q40KT
160	1500	35×35	0.15	3.75	ELK2CM152R35KT
	1800	30×45	0.15	4.10	ELK2CM182Q45KT
	1800	35×35	0.15	4.08	ELK2CM182R35KT
	2200	35×45	0.15	4.72	ELK2CM222R45KT
	2700	35×50	0.15	5.30	ELK2CM272R50KT
	330	22×25	0.15	1.42	ELK2LM331O25KT
	390	22×30	0.15	1.61	ELK2LM391O30KT
	470	22×30	0.15	1.80	ELK2LM471O30KT
	470	25×25	0.15	1.80	ELK2LM471P25KT
	560	22×35	0.15	2.09	ELK2LM561O35KT
	560	25×30	0.15	2.05	ELK2LM561P30KT
	680	22×40	0.15	2.36	ELK2LM681O40KT
	680	25×35	0.15	2.34	ELK2LM681P35KT
	680	30×25	0.15	2.27	ELK2LM681Q25KT
	820	22×45	0.15	2.72	ELK2LM821O45KT
	820	25×35	0.15	2.58	ELK2LM821P35KT
	820	30×30	0.15	2.56	ELK2LM821Q30KT
	1000	25×45	0.15	2.91	ELK2LM102P45KT
	1000	30×35	0.15	2.95	ELK2LM102Q35KT
	1200	25×50	0.15	3.46	ELK2LM122P50KT
180	1200	30×40	0.15	3.38	ELK2LM122Q40KT
	1200	35×30	0.15	3.32	ELK2LM122R30KT
	1500	30×45	0.15	3.90	ELK2LM152Q45KT
	1500	35×35	0.15	3.83	ELK2LM152R35KT
	1800	30×50	0.15	4.33	ELK2LM182Q50KT
	1800	35×40	0.15	4.32	ELK2LM182R40KT
	2200	35×45	0.15	4.60	ELK2LM222R45KT
	2700	35×50	0.15	5.05	ELK2LM272R50KT
	270	22×25	0.15	1.30	ELK2DM271O25KT
	330	22×25	0.15	1.44	ELK2DM331O25KT
	390	22×30	0.15	1.65	ELK2DM391O30KT
	390	25×25	0.15	1.63	ELK2DM391P25KT
	470	22×35	0.15	1.88	ELK2DM471O35KT
	470	22×40	0.15	1.92	ELK2DM471O40KT
	470	25×35	0.15	1.88	ELK2DM471P35KT
	560	22×40	0.15	2.08	ELK2DM561O40KT
	560	25×30	0.15	2.05	ELK2DM561P30KT
	560	30×25	0.15	2.05	ELK2DM561Q25KT
	680	22×45	0.15	2.36	ELK2DM681O45KT
	680	25×35	0.15	2.36	ELK2DM681P35KT
	680	30×30	0.15	2.36	ELK2DM681Q30KT

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STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Size ΦD×L(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
200	820	22×50	0.15	2.68	ELK2DM821O50KT
	820	25×40	0.15	2.66	ELK2DM821P40KT
	820	30×30	0.15	2.62	ELK2DM821Q30KT
	1000	22×50	0.15	3.00	ELK2DM102O50KT
	1000	25×45	0.15	3.12	ELK2DM102P45KT
	1000	30×35	0.15	3.00	ELK2DM102Q35KT
	1000	35×30	0.15	2.96	ELK2DM102R30KT
	1200	25×50	0.15	3.44	ELK2DM122P50KT
	1200	30×40	0.15	3.44	ELK2DM122Q40KT
	1200	35×35	0.15	3.40	ELK2DM122R35KT
	1500	30×50	0.15	3.93	ELK2DM152Q50KT
	1500	35×40	0.15	3.87	ELK2DM152R40KT
220	1800	35×45	0.15	4.37	ELK2DM182R45KT
	2200	35×50	0.15	5.00	ELK2DM222R50KT
	220	22×25	0.15	1.18	ELK2NM221O25KT
	270	22×25	0.15	1.31	ELK2NM271O25KT
	330	22×30	0.15	1.58	ELK2NM331O30KT
	330	25×25	0.15	1.49	ELK2NM331P25KT
	390	22×35	0.15	1.69	ELK2NM391O35KT
	390	25×30	0.15	1.71	ELK2NM391P30KT
	470	22×40	0.15	1.99	ELK2NM471O40KT
	470	25×30	0.15	1.95	ELK2NM471P30KT
	470	25×35	0.15	2.00	ELK2NM471P35KT
	470	30×25	0.15	1.89	ELK2NM471Q25KT
250	560	22×45	0.15	2.28	ELK2NM561O45KT
	560	25×35	0.15	2.22	ELK2NM561P35KT
	560	30×30	0.15	2.19	ELK2NM561Q30KT
	680	22×50	0.15	2.46	ELK2NM681O50KT
	680	25×40	0.15	2.40	ELK2NM681P40KT
	680	30×30	0.15	2.39	ELK2NM681Q30KT
	820	25×45	0.15	2.81	ELK2NM821P45KT
	820	30×35	0.15	2.70	ELK2NM821Q35KT
	820	35×30	0.15	2.62	ELK2NM821R30KT
	1000	25×50	0.15	3.13	ELK2NM102P50KT
	1000	30×40	0.15	3.08	ELK2NM102Q40KT
	1000	35×35	0.15	3.05	ELK2NM102R35KT
250	1200	30×45	0.15	3.60	ELK2NM122Q45KT
	1200	35×40	0.15	3.51	ELK2NM122R40KT
	1500	35×45	0.15	3.92	ELK2NM152R45KT
	220	22×25	0.15	1.18	ELK2EM221O25KT
	270	22×30	0.15	1.43	ELK2EM271O30KT
	330	22×30	0.15	1.58	ELK2EM331O30KT
	330	25×25	0.15	1.53	ELK2EM331P25KT
	390	22×40	0.15	1.79	ELK2EM391O40KT
	390	25×30	0.15	1.79	ELK2EM391P30KT
	470	22×40	0.15	2.05	ELK2EM471O40KT
	470	25×35	0.15	2.05	ELK2EM471P35KT
	470	30×25	0.15	1.94	ELK2EM471Q25KT
250	560	22×45	0.15	2.36	ELK2EM561O45KT
	560	25×35	0.15	2.24	ELK2EM561P35KT
	560	30×30	0.15	2.24	ELK2EM561Q30KT
	680	25×40	0.15	2.54	ELK2EM681P40KT
	680	30×35	0.15	2.58	ELK2EM681Q35KT
	820	25×50	0.15	2.87	ELK2EM821P50KT
	820	30×35	0.15	2.84	ELK2EM821Q35KT
	820	35×30	0.15	2.82	ELK2EM821R30KT
	1000	30×45	0.15	3.39	ELK2EM102Q45KT
	1000	35×35	0.15	3.31	ELK2EM102R35KT
	1200	30×50	0.15	3.80	ELK2EM122Q50KT
	1200	35×40	0.15	3.66	ELK2EM122R40KT
250	1500	35×45	0.15	4.12	ELK2EM152R45KT
	1800	35×50	0.15	4.31	ELK2EM182R50KT

WV (V _{dc})	Cap (μF)	Size ΦD×L(mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
315	180	22×30	0.15	1.23	ELK2FM181O30KT
	180	25×25	0.15	1.31	ELK2FM181P25KT
	220	22×35	0.15	1.34	ELK2FM221O35KT
	220	25×30	0.15	1.40	ELK2FM221P30KT
	270	22×40	0.15	1.60	ELK2FM271O40KT
	270	25×30	0.15	1.62	ELK2FM271P30KT
	330	22×45	0.15	1.82	ELK2FM331O45KT
	330	25×35	0.15	1.85	ELK2FM331P35KT
	330	30×30	0.15	1.89	ELK2FM331Q30KT
	390	22×50	0.15	1.97	ELK2FM391O50KT
	390	25×40	0.15	2.01	ELK2FM391P40KT
	390	30×30	0.15	2.05	ELK2FM391Q30KT
315	470	25×45	0.15	2.20	ELK2FM471P45KT
	470	30×35	0.15	2.27	ELK2FM471Q35KT
	470	35×30	0.15	2.25	ELK2FM471R30KT
	560	30×40	0.15	2.50	ELK2FM561Q40KT
	560	35×35	0.15	2.56	ELK2FM561R35KT
	680	30×45	0.15	2.67	ELK2FM681Q45KT
	680	35×40	0.15	2.90	ELK2FM681R40KT
	820	30×50	0.15	3.12	ELK2FM821Q50KT
	820	35×45	0.15	3.29	ELK2FM821R45KT
	1000	35×50	0.15	3.40	ELK2FM102R50KT
350	120	22×25	0.15	0.99	ELK2VM121O25KT
	150	22×30	0.15	1.44	ELK2VM151O30KT
	150	25×25	0.15	1.16	ELK2VM151P25KT
	180	22×35	0.15	1.28	ELK2VM181O35KT
	180	25×30	0.15	1.30	ELK2VM181P30KT
	220	22×40	0.15	1.40	ELK2VM221O40KT
	220	25×35	0.15	1.46	ELK2VM221P35KT
	220	30×25	0.15	1.47	ELK2VM221Q25KT
	270	22×45	0.15	1.62	ELK2VM271O45KT
	270	25×35	0.15	1.65	ELK2VM271P35KT
	270	30×30	0.15	1.71	ELK2VM271Q30KT
	330	22×50	0.15	1.78	ELK2VM331O50KT
350	330	25×40	0.15	1.88	ELK2VM331P40KT
	330	30×35	0.15	1.93	ELK2VM331Q35KT
	390	25×45	0.15	2.04	ELK2VM391P45KT
	390	30×35	0.15	2.12	ELK2VM391Q35KT
	390	35×30	0.15	2.19	ELK2VM391R30KT
	470	30×40	0.15	2.41	ELK2VM471Q40KT
	470	35×35	0.15	2.43	ELK2VM471R35KT
	560	30×45	0.15	2.60	ELK2VM561Q45KT
	560	35×35	0.15	2.62	ELK2VM561R35KT
	680	35×40	0.15	3.00	ELK2VM681R40KT
	820	35×50	0.15	3.30	ELK2VM821R50KT
385	82	22×25	0.15	0.70	ELK3BM820O25KT
	100	22×30	0.15	0.82	ELK3BM101O30KT
	120	22×30	0.15	0.91	ELK3BM121O30KT
	120	25×25	0.15	0.95	ELK3BM121P25KT
	150	22×35	0.15	1.04	ELK3BM151O35KT
	150	25×30	0.15	1.08	ELK3BM151P30KT
	180	22×40	0.15	1.18	ELK3BM181O40KT
	180	25×35	0.15	1.20	ELK3BM181P35KT
	180	30×25	0.15	1.28	ELK3BM181Q25KT
	220	22×45	0.15	1.33	ELK3BM221O45KT
	220	25×35	0.15	1.44	ELK3BM221P35KT
	220	30×30	0.15	1.40	ELK3BM221Q30KT
385	270	25×40	0.15	1.56	ELK3BM271P40KT
	270	30×35	0.15	1.62	ELK3BM271Q35KT

LK series

STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Size ΦDxL (mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
385	330	25×50	0.15	1.80	ELK3BM331P50KT
	330	30×40	0.15	1.85	ELK3BM331Q40KT
	330	35×30	0.15	1.85	ELK3BM331R30KT
	390	30×40	0.15	2.04	ELK3BM391Q40KT
	390	35×35	0.15	2.06	ELK3BM391R35KT
	470	30×50	0.15	2.27	ELK3BM471Q50KT
	470	35×40	0.15	2.30	ELK3BM471R40KT
	560	35×45	0.15	2.57	ELK3BM561R45KT
400	82	22×25	0.15	0.80	ELK2GM820O25KT
	100	22×30	0.15	0.94	ELK2GM101O30KT
	120	22×30	0.15	1.04	ELK2GM121O30KT
	120	25×25	0.15	1.08	ELK2GM121P25KT
	150	22×35	0.15	1.18	ELK2GM151O35KT
	150	25×30	0.15	1.21	ELK2GM151P30KT
	180	22×40	0.15	1.34	ELK2GM181O40KT
	180	25×35	0.15	1.37	ELK2GM181P35KT
	180	30×25	0.15	1.45	ELK2GM181Q25KT
	220	22×45	0.15	1.50	ELK2GM221O45KT
	220	25×35	0.15	1.56	ELK2GM221P35KT
	220	30×30	0.15	1.58	ELK2GM221Q30KT
	270	25×40	0.15	1.70	ELK2GM271P40KT
	270	30×35	0.15	1.73	ELK2GM271Q35KT
	330	25×50	0.15	1.90	ELK2GM331P50KT
	330	30×40	0.15	1.95	ELK2GM331Q40KT
	330	35×30	0.15	1.95	ELK2GM331R30KT
	390	25×50	0.15	2.15	ELK2GM391P50KT
	390	30×35	0.15	2.10	ELK2GM391Q35KT
	390	30×40	0.15	2.15	ELK2GM391Q40KT
	390	35×30	0.15	2.15	ELK2GM391R30KT
	390	35×35	0.15	2.17	ELK2GM391R35KT
	470	30×50	0.15	2.39	ELK2GM471Q50KT
	470	35×40	0.15	2.42	ELK2GM471R40KT
	560	35×40	0.15	2.55	ELK2GM561R40KT
	560	35×45	0.15	2.71	ELK2GM561R45KT
	680	30×60	0.15	2.92	ELK2GM681Q60KT
	680	35×45	0.15	2.92	ELK2GM681R45KT
	680	35×50	0.15	2.95	ELK2GM681R50KT
	820	30×50	0.15	2.80	ELK2GM821Q50KT
	820	30×55	0.15	2.95	ELK2GM821Q55KT
	820	30×60	0.15	3.00	ELK2GM821Q60KT
	820	35×60	0.15	3.25	ELK2GM821R60KT
	820	40×50	0.15	3.20	ELK2GM821Y50PT
	1000	30×80	0.15	3.65	ELK2GM102Q80KT
	1000	35×50	0.15	3.20	ELK2GM102R50KT
	1000	35×60	0.15	3.65	ELK2GM102R60KT
	1000	35×70	0.15	3.80	ELK2GM102R70KT
	1000	40×55	0.15	3.55	ELK2GM102Y55PT
	1200	35×65	0.15	3.80	ELK2GM122R65KT
	1200	35×70	0.15	4.20	ELK2GM122R70KT
	1200	40×60	0.15	4.20	ELK2GM122Y60PT
	1500	35×85	0.15	4.50	ELK2GM152R85PT
	1500	40×80	0.15	4.90	ELK2GM152Y80PT
	1800	40×90	0.15	5.75	ELK2GM182Y90PT
	2200	40×100	0.15	6.66	ELK2GM222YA0PT
420	82	22×25	0.15	0.75	ELK2TM820O25KT
	100	22×30	0.15	0.87	ELK2TM101O30KT
	100	25×25	0.15	0.92	ELK2TM101P25KT
	120	22×30	0.15	1.01	ELK2TM121O30KT
	120	25×25	0.15	1.03	ELK2TM121P25KT
	150	22×35	0.15	1.19	ELK2TM151O35KT

WV (V _{dc})	Cap (μF)	Size ΦDxL (mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
420	150	25×30	0.15	1.19	ELK2TM151P30KT
	150	30×25	0.15	1.14	ELK2TM151Q25KT
	180	22×45	0.15	1.36	ELK2TM181O45KT
	180	25×35	0.15	1.37	ELK2TM181P35KT
	180	30×25	0.15	1.35	ELK2TM181Q25KT
	220	22×50	0.15	1.69	ELK2TM221O50KT
	220	25×35	0.15	1.58	ELK2TM221P35KT
	220	30×30	0.15	1.56	ELK2TM221Q30KT
	270	25×40	0.15	1.83	ELK2TM271P40KT
	270	30×35	0.15	1.72	ELK2TM271Q35KT
	270	35×30	0.15	1.76	ELK2TM271R30KT
	330	25×45	0.15	2.18	ELK2TM331P45KT
	330	30×40	0.15	1.98	ELK2TM331Q40KT
	330	35×35	0.15	2.04	ELK2TM331R35KT
	390	30×45	0.15	2.34	ELK2TM391Q45KT
	390	35×35	0.15	2.26	ELK2TM391R35KT
	470	30×50	0.15	2.67	ELK2TM471Q50KT
	470	35×40	0.15	2.60	ELK2TM471R40KT
	560	35×45	0.15	2.93	ELK2TM561R45KT
	680	35×50	0.15	3.25	ELK2TM681R50KT
	820	35×60	0.15	3.60	ELK2TM821R60KT
	820	40×50	0.15	3.59	ELK2TM821Y50PT
	1000	35×70	0.15	3.96	ELK2TM102R70KT
	1000	40×60	0.15	3.80	ELK2TM102Y60PT
450	1200	35×80	0.15	4.60	ELK2TM122R80KT
	1200	40×70	0.15	4.49	ELK2TM122Y70PT
	1500	40×80	0.15	5.32	ELK2TM152Y80PT
	1800	40×100	0.15	5.95	ELK2TM182YA0PT
	2200	45×100	0.15	6.85	ELK2TM222IA0PT
	100	22×25	0.15	0.92	ELK2WM101O25KT
	120	22×30	0.15	1.02	ELK2WM121O30KT
	120	25×25	0.15	1.04	ELK2WM121P25KT
	120	30×20	0.15	1.07	ELK2WM121Q20KT
	150	22×35	0.15	1.12	ELK2WM151O35KT
	150	25×30	0.15	1.19	ELK2WM151P30KT
	150	30×25	0.15	1.23	ELK2WM151Q25KT
	180	22×40	0.15	1.26	ELK2WM181O40KT
	180	25×35	0.15	1.33	ELK2WM181P35KT
	180	30×25	0.15	1.38	ELK2WM181Q25KT
	180	30×30	0.15	1.42	ELK2WM181Q30KT
	220	25×40	0.15	1.51	ELK2WM221P40KT
	220	30×30	0.15	1.56	ELK2WM221Q30KT
	220	35×25	0.15	1.58	ELK2WM221R25KT
	270	25×50	0.15	1.65	ELK2WM271P50KT
	270	30×30	0.15	1.65	ELK2WM271Q30KT
	270	30×40	0.15	1.80	ELK2WM271Q40KT
	270	35×30	0.15	1.81	ELK2WM271R30KT
	330	30×35	0.15	2.02	ELK2WM331Q35KT
	330	30×40	0.15	2.05	ELK2WM331Q40KT
	330	30×45	0.15	2.10	ELK2WM331Q45KT
	330	35×30	0.15	2.05	ELK2WM331R30KT
	390	30×40	0.15	2.20	ELK2WM391Q40KT
	390	30×45	0.15	2.24	ELK2WM391Q45KT
	390	35×35	0.15	2.27	ELK2WM391R35KT
	470	30×45	0.15	2.55	ELK2WM471Q45KT
	470	35×40	0.15	2.55	ELK2WM471R40KT
	470	35×50	0.15	2.65	ELK2WM471R50KT
	560	25×65	0.15	2.60	ELK2WM561P65KT
	560	35×45	0.15	2.85	ELK2WM561R45KT
	560	35×50	0.15	3.00	ELK2WM561R50KT
	680	35×50	0.15	3.15	ELK2WM681R50KT
	820	35×55	0.15	3.60	ELK2WM821R55KT

LK series

STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Size ΦDxL (mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
450	820	40x50	0.15	3.69	ELK2WM821Y50PT
	1000	35x65	0.15	4.30	ELK2WM102R65KT
	1000	40x60	0.15	4.42	ELK2WM102Y60PT
	1200	35x80	0.15	4.80	ELK2WM122R80PT
	1200	40x70	0.15	4.80	ELK2WM122Y70PT
	1500	40x85	0.15	5.40	ELK2WM152Y85PT
	1800	40x100	0.15	5.90	ELK2WM182YA0PT
	2200	45x100	0.15	7.00	ELK2WM222IA0PT
500	68	22x25	0.15	0.68	ELK2HM680O25KT
	82	22x25	0.15	0.88	ELK2HM820O25KT
	100	22x30	0.15	0.94	ELK2HM101O30KT
	100	25x25	0.15	0.96	ELK2HM101P25KT
	120	22x35	0.15	1.06	ELK2HM121O35KT
	120	25x30	0.15	1.09	ELK2HM121P30KT
	120	30x25	0.15	1.13	ELK2HM121Q25KT
	150	22x40	0.15	1.19	ELK2HM151O40KT
	150	25x35	0.15	1.23	ELK2HM151P35KT
	150	30x25	0.15	1.26	ELK2HM151Q25KT
	180	25x40	0.15	1.39	ELK2HM181P40KT
	180	30x30	0.15	1.43	ELK2HM181Q30KT
	220	30x35	0.15	1.60	ELK2HM221Q35KT
	220	35x30	0.15	1.62	ELK2HM221R30KT
	270	35x35	0.15	1.85	ELK2HM271R35KT
	330	35x40	0.15	2.08	ELK2HM331R40KT
	390	35x45	0.15	2.31	ELK2HM391R45KT
	470	35x50	0.15	2.61	ELK2HM471R50KT
550	47	22x25	0.20	0.59	ELK2JM470O25KT
	56	22x30	0.20	0.63	ELK2JM560O30KT
	68	22x30	0.20	0.76	ELK2JM680O30KT
	68	25x25	0.20	0.72	ELK2JM680P25KT
	82	22x35	0.20	0.91	ELK2JM820O35KT
	82	25x30	0.20	0.89	ELK2JM820P30KT
	82	30x25	0.20	0.88	ELK2JM820Q25KT
	100	22x40	0.20	0.97	ELK2JM101O40KT
	100	25x35	0.20	0.97	ELK2JM101P35KT
	100	30x25	0.20	0.92	ELK2JM101Q25KT
	120	22x45	0.20	1.07	ELK2JM121O45KT
	120	25x40	0.20	1.16	ELK2JM121P40KT
	120	30x30	0.20	1.12	ELK2JM121Q30KT
	150	25x45	0.20	1.25	ELK2JM151P45KT
	150	30x35	0.20	1.29	ELK2JM151Q35KT
	150	35x30	0.20	1.29	ELK2JM151R30KT
	180	25x50	0.20	1.40	ELK2JM181P50KT
	180	30x40	0.20	1.45	ELK2JM181Q40KT
	180	35x30	0.20	1.36	ELK2JM181R30KT
	220	30x45	0.20	1.61	ELK2JM221Q45KT
	220	35x35	0.20	1.60	ELK2JM221R35KT
	270	35x40	0.20	2.00	ELK2JM271R40KT
	330	35x45	0.20	2.26	ELK2JM331R45KT
	390	35x50	0.20	2.45	ELK2JM391R50KT
	470	35x60	0.20	2.80	ELK2JM471R60KT
600	47	22x30	0.30	0.59	ELK2KM470O30KT
	56	22x35	0.30	0.63	ELK2KM560O35KT
	56	25x30	0.30	0.62	ELK2KM560P30KT
	68	22x40	0.30	0.76	ELK2KM680O40KT
	68	25x35	0.30	0.76	ELK2KM680P35KT
	82	22x45	0.30	0.92	ELK2KM820O45KT
	82	25x40	0.30	0.90	ELK2KM820P40KT
	100	25x45	0.30	1.01	ELK2KM101P45KT
	100	30x35	0.30	1.01	ELK2KM101Q35KT
	120	25x50	0.30	1.16	ELK2KM121P50KT

WV (V _{dc})	Cap (μF)	Size ΦDxL (mm)	tanδ	Rated ripple current (Arms/85°C, 120Hz)	Part Number
600	120	30x40	0.30	1.16	ELK2KM121Q40KT
	150	30x45	0.30	1.29	ELK2KM151Q45KT
	180	30x50	0.30	1.45	ELK2KM181Q50KT
	180	35x40	0.30	1.45	ELK2KM181R40KT
	220	35x45	0.30	1.61	ELK2KM221R45KT
	270	35x50	0.30	2.02	ELK2KM271R50KT
	330	35x60	0.30	2.27	ELK2KM331R60KT

※ Specifications subject to change without notice.