



Kendeil™

Metallized
Polypropylene
D.C. Link
Capacitors





APPLICATIONS

Designed for professional power electronics by slope metallization.

Low and medium frequencies switching. Solar converters, Motor drives, Inverters, Welding.

Cap. μF	$\varnothing \times L$ mm	ESR $\text{m}\Omega$ 10 KHz	ESL nH	Rth $^{\circ}\text{C}/\text{W}$	Ir a.c. A max 10 KHz 40°C	Ir a.c. A max 10 KHz 60°C	Ir a.c. A max 10 KHz 75°C	dV/dt V/ μsec	I pk A	PART NUMBER Termination digit excluded
500	75x120	1.5	35	5.2	67	51	32	7.0	3495	K31600501_K0J120
620	75x140	1.6	35	4.6	69	52	33	6.3	3907	K31600621_K0J140
650	85x120	1.6	40	4.4	71	53	34	7.0	4544	K31600651_K0L120
700	75x155	1.7	35	4.1	71	54	34	6.3	4410	K31600701_K0J155
800	85x140	1.6	40	3.9	75	57	36	6.3	5040	K31600801_K0L140
900	85x155	1.6	40	3.4	80	61	38	6.3	5670	K31600901_K0L155
1000	85x155	1.6	40	3.4	80	61	38	6.3	6294	K31600102_K0L155
350	75x120	1.5	35	5.2	67	51	32	8.2	2854	K31700351_K0J120
420	75x140	1.6	35	4.6	69	52	33	7.4	3087	K31700421_K0J140
450	85x120	1.4	40	4.4	75	57	36	8.2	3670	K31700451_K0L120
500	75x155	1.4	40	4.1	78	59	37	7.4	3675	K31700501_K0J155
550	85x140	1.3	40	3.9	83	63	40	7.4	4043	K31700551_K0L140
600	85x155	1.5	40	3.4	83	63	40	7.4	4410	K31700601_K0L155
700	85x155	1.7	40	3.4	78	59	37	7.4	5072	K31700701_K0L155
220	75x120	1.9	35	5.2	60	45	28	9.3	2050	K31900221_K0J120
270	75x140	1.6	35	4.6	69	52	33	8.4	2268	K31900271_K0J140
300	75x155	1.7	35	4.1	71	54	34	8.4	2520	K31900301_K0J155
300	85x120	1.4	40	4.4	75	57	36	9.3	2796	K31900301_K0L120
350	85x140	1.7	40	3.9	73	55	35	8.4	2940	K31900351_K0L140
370	85x120	1.6	40	4.4	71	53	34	9.3	3448	K31900351_K0L120
400	75x155	1.7	35	4.1	71	54	34	8.4	3293	K31900401_K0J155
450	85x140	1.7	40	3.9	73	55	35	8.4	3780	K31900451_K0L140
500	85x155	1.7	40	3.4	78	59	37	8.4	4200	K31900501_K0L155
550	85x155	1.7	40	3.4	78	59	37	8.4	4389	K31900551_K0L155
150	75x120	1.5	35	5.2	67	51	32	10.6	1650	K31111151_K0J120
190	75x120	1.5	35	5.2	67	51	32	10.6	1907	K31111191_K0J120
190	75x140	1.5	35	4.6	71	54	34	9.6	1900	K31111191_K0J140
200	85x120	1.4	40	4.4	75	57	36	10.6	2200	K31111201_K0L120
220	75x155	1.4	35	4.1	78	59	37	9.6	2200	K31111221_K0J155
240	75x140	1.5	35	4.6	71	54	34	9.6	2304	K31111241_K0J140
250	85x120	1.4	40	4.4	75	57	36	10.6	2640	K31111251_K0L120
250	85x140	1.3	40	3.9	83	63	40	9.6	2500	K31111251_K0L140
280	75x155	1.4	35	4.1	78	59	37	9.6	2640	K31111281_K0J155
300	85x155	1.4	40	3.4	86	65	41	9.6	3000	K31111301_K0L155
320	85x140	1.4	40	3.9	80	61	38	9.6	3072	K31111321_K0L140
420	85x155	1.5	40	3.4	83	63	40	9.6	3830	K31111421_K0L155
120	75x120	2.3	35	5.2	54	41	26	12.8	1531	K31131121_K0J120
170	75x140	2.2	35	4.6	59	44	28	11.6	1914	K31131171_K0J140
170	85x120	2.2	40	4.4	60	45	29	12.8	2169	K31131171_K0L120
180	75x155	2.1	35	4.1	64	48	30	11.6	2088	K31131181_K0J155
220	85x140	2	40	3.9	67	51	32	11.6	2552	K31131221_K0L140
250	85x155	2	40	3.4	72	54	34	11.6	2900	K31131251_K0L155

RATED
VOLTAGE
VDC

600V

700V

900V

1100V

1300V

K32 TYPE -40°C +85°C



APPLICATIONS

Designed for professional power electronics by segmented and slope metallization.

Low, Medium and High frequencies switching.

Solar converters, Motor drives, Traction applications, Inverters, Welding.

Cap. μF	$\varnothing \times L$ mm	ESR $\text{m}\Omega$ 10 KHz	ESL nH	Rth $^{\circ}\text{C}/\text{W}$	Ir a.c. A max 10 KHz 40°C	Ir a.c. A max 10 KHz 60°C	Ir a.c. A max 10 KHz 75°C	dV/dt V/ μsec	I pk A	PART NUMBER Termination digit excluded
450	75x120	1.8	35	5.2	61	46	29	7.0	3146	K32600451_K0J120
550	75x140	1.9	35	4.6	63	48	30	6.3	3465	K32600551_K0J140
600	85x120	1.9	40	4.4	64	49	31	7.0	4194	K32600601_K0L120
650	75x155	2.0	35	4.1	65	49	31	6.3	4095	K32600651_K0J155
750	85x140	2.3	40	3.9	63	47	30	6.3	4725	K32600751_K0L140
850	85x155	2.4	40	3.4	65	50	31	6.3	5355	K32600851_K0L155
1000	85x155	2.4	40	3.4	65	50	31	6.3	5670	K32600102_K0L155*
350	75x120	1.8	35	5.2	61	46	29	8.2	2854	K32700351_K0J120
420	75x140	1.9	35	4.6	63	48	30	7.4	3087	K32700421_K0J140
450	85x120	1.7	40	4.4	69	52	33	8.2	3670	K32700451_K0L120
500	75x155	1.7	35	4.1	71	54	34	7.4	3675	K32700501_K0J155
550	85x140	1.6	40	3.9	76	57	36	7.4	4043	K32700551_K0L140
600	85x155	1.8	40	3.4	76	57	36	7.4	4410	K32700601_K0L155

RATED
VOLTAGE
VDC

600V

700V

K32 TYPE -40°C +85°C

Cap. μF	$\varnothing \times \text{L}$ mm	ESR $\text{m}\Omega$ 10 KHz	ESL nH	Rth $^{\circ}\text{C}/\text{W}$	Ir a.c. A max 10 KHz 40°C	Ir a.c. A max 10 KHz 60°C	Ir a.c. A max 10 KHz 75°C	dV/dt V/ μsec	I pk A	PART NUMBER Termination digit excluded
220	75x120	2.3	35	5.2	54	41	26	9.3	2050	K32900221_K0J120
270	75x140	2.0	35	4.6	63	48	30	8.4	2268	K32900271_K0J140
300	75x155	2.0	35	4.1	65	49	31	8.4	2520	K32900301_K0J155
300	85x120	2.0	40	4.4	69	52	33	9.3	2796	K32900301_K0L120
350	85x140	2.1	40	3.9	66	50	32	8.4	2940	K32900351_K0L140
350	75x155	2.1	35	4.1	65	49	31	8.4	2940	K32900351_K0J155
440	85x155	2.0	40	3.4	71	54	34	8.4	3696	K32900441_K0L155
500	85x155	1.9	40	3.4	74	56	35	8.4	4200	K32900501_K0L155
150	75x120	2.4	35	5.2	53	40	25	10.6	1584	K32111151_K0J120
220	75x140	2.3	35	4.6	56	43	27	9.6	2112	K32111221_K0J140
220	85x120	2.4	40	4.4	60	45	28	10.6	2323	K32111221_K0L120
250	75x155	2.3	35	4.1	62	47	30	9.6	2400	K32111251_K0J155
300	85x140	2.5	40	3.9	61	46	29	9.6	2880	K32111301_K0L140
380	85x155	3.0	40	3.4	58	44	28	9.6	3552	K32111381_K0L155
100	75x120	2.4	35	5.2	53	40	25	12.8	1276	K32131101_K0J120
150	75x140	2.5	35	4.6	55	42	26	11.6	1740	K32131151_K0J140
150	85x120	2.5	40	4.4	56	42	27	12.8	1914	K32131151_K0L120
170	75x155	2.5	35	4.1	58	44	28	11.6	1972	K32131171_K0J155
200	85x140	2.6	40	3.9	58	44	28	11.6	2320	K32131201_K0L140
220	85x155	2.9	40	3.4	61	46	29	11.6	2552	K32131221_K0L155

RATED
VOLTAGE
VDC

900V

1100V

1300V

K33 TYPE -25°C +70°C

APPLICATIONS

Replacement of electrolytic capacitors by metallized polypropylene film capacitors in DC link applications. All cases where high capacitance and high voltage are requested, i.e. DC applications as filtering and commutation circuit, high current, high frequency applications.



Cap. μF	D x L x H mm	Vr DC	dV/dt max V/ μS	Irmax A	Rs $\text{m}\Omega$	PART NUMBER
50	162x223x152	5000	160	60	≤ 3	K3350150000K0K152
100	162x223x152	3500	100	60	≤ 3	K3335110100K0K152
150	162x223x152	2700	33	120	≤ 1	K3327115100K0K152
200	162x223x152	2200	27	120	≤ 1	K3322120100K0K152
300	162x223x152	2000	22	120	≤ 1	K3320130100K0K152
350	162x223x152	1800	20	120	≤ 1	K3318135100K0K152
500	162x223x152	1500	17.5	120	≤ 1	K3315150100K0K152
600	162x223x152	1300	16	120	≤ 1	K3313160100K0K152
650	162x223x152	1300	16	120	≤ 1	K3313165100K0K152
800	162x223x152	1100	13	120	≤ 1	K3311180100K0K152
900	162x223x152	1100	13	120	≤ 1	K3311190100K0K152
1000	162x223x152	1100	12	120	≤ 1	K3311110200K0K152
1300	162x223x152	900	11	120	≤ 1	K3390013200K0K152
2000	162x223x152	700	8	120	≤ 1	K3370020200K0K152

K34 TYPE -40°C +70°C

APPLICATIONS

Designed for professional power electronics.



Cap. μF	$\varnothing \times \text{L}$ mm	ESR $\text{m}\Omega$ 10 KHz	ESL nH	Rth $^{\circ}\text{C}/\text{W}$	Ir a.c. A max 10 KHz 25°C	Ir a.c. A max 10 KHz 45°C	Ir a.c. A max 10 KHz 60°C	dV/dt V/ μsec	I pk A	PART NUMBER Termination digit excluded
350	75x120	2.2	35	5.2	49	40	25	6.3	2230	K34900351_K0J120
430	75x140	2.2	35	4.6	52	43	27	6.2	2709	K34900431_K0J140
450	85x120	2.2	40	4.4	53	44	28	6.3	2867	K34900451_K0L120
500	75x155	2.2	35	4.1	55	45	29	6.2	3150	K34900501_K0J155
570	85x140	2.3	40	3.9	57	46	29	6.2	3591	K34900571_K0L140
600	85x140	2.3	40	3.9	57	46	29	6.2	3780	K34900601_K0L140
650	85x155	2.3	40	3.4	61	50	31	6.2	4095	K34900651_K0L155
700	85x155	2.3	40	3.4	61	50	31	6.2	4347	K34900701_K0L155

RATED
VOLTAGE
VDC

900V

Notes:

*Not available by 5% of tolerances.

APPLICATIONS

Inverters for wind power and solar power, electric vehicles and hybrid vehicles, SVG, Inverter, UPS, Welding machines.


**RATED
VOLTAGE
VDC**
600V
800V
900V
1100V

Cap. µF	Ø x L mm	ESR mΩ	Ls nH	Ipeak A	Rth K/W	Irms 10kHz A	45°C	PART NUMBER Termination digit excluded
480	76x95	1.5	45	1560	5.7	70		K36600481_K0J095
650	76x120	1.8	45	1560	4.6	70		K36600651_K0J120
650	86x95	1.3	45	2120	5.1	70		K36600651_K0Q095
780	76x140	2.2	40	1550	4.7	80		K36600781_K0J140
820	76x155	1.5	40	3060	4.3	70		K36600821_K0J155
1000	86x140	1.7	50	2070	4.6	70		K36600102_K0Q140
1100	86x140	1.7	40	4110	4.5	70		K36600112_K0Q140
1500	116x140	1.6	40	2740	3.9	80		K36600152_K0T140
2000	116x140	1.2	45	8100	4.8	80		K36600202_K0T140
2400	116x175	0.9	50	7810	3.5	100		K36600242_K0T175
3000	116x230	0.8	60	11200	2.8	100		K36600302_K0T230
200	76x72	3	40	1000	6.2	40		K36800201_K0J072
330	76x117	1.3	45	3960	5.6	60		K36800331_K0J117
420	76x147	1.4	40	4200	4.7	60		K36800421_K0J147
470	86x122	1.3	50	4700	3.2	60		K36800471_K0Q122
490	86x125	0.9	40	4900	3.5	70		K36800491_K0Q125
500	86x122	3.5	75	5000	3.3	50		K36800501_K0Q122
500	116x80	3	40	4500	3.3	70		K36800501_K0T080
550	86x122	3.5	75	3850	3.6	70		K36800551_K0Q122
650	86x145	1.6	40	5200	4.4	70		K36800651_K0Q145
750	86x175	1.6	50	6750	4.3	70		K36800751_K0Q175
1000	96x175	1.5	50	8000	3	80		K36800102_K0R175
1000	116x125	1.2	60	4000	2.9	80		K36800102_K0T125
1100	86x250	1.2	50	7700	3	70		K36800112_K0Q250
1100	116x145	1.2	40	6600	2.5	90		K36800112_K0T145
1500	116x175	1	50	9000	2.5	100		K36800152_K0T175
2000	116x230	0.8	60	18000	2	100		K36800202_K0T230
2750	136x230	0.7	60	19250	1.8	100		K36800272_K1U230
3500	136x335	0.4	60	12250	1.2	100		K36800352_K0U335
200	76x72	3	40	1000	6.2	40		K36900201_K0J072
330	76x117	1.3	45	3960	5.6	60		K36900331_K0J117
420	76x147	1.4	40	4200	4.7	60		K36900421_K0J147
470	86x122	1.3	50	4700	3.2	60		K36900471_K0Q122
490	86x125	0.9	40	4900	3.5	70		K36900491_K0Q125
500	86x122	3.5	60	5000	3.3	50		K36900501_K0Q122
500	116x80	3	40	4500	3.3	70		K36900501_K0T080
550	86x122	3.5	60	3850	3.6	70		K36900551_K0Q122
650	86x145	1.6	40	5200	4.4	70		K36900651_K0Q145
750	86x175	1.6	50	6750	4.3	70		K36900751_K0Q175
1000	96x175	1.5	50	8000	3	80		K36900102_K0R175
1000	116x125	1.2	60	4000	2.9	80		K36900102_K0T125
1100	86x250	1.2	50	7700	3	70		K36900102_K0Q250
1100	116x145	1.2	40	6600	2.5	90		K36900112_K0T145
1500	116x175	1	50	9000	2.5	100		K36900152_K0T175
2000	116x230	0.8	60	18000	2	100		K36900202_K0T230
2750	136x230	0.7	60	19250	1.8	100		K36900272_K1U230
3500	136x335	0.4	60	12250	1.2	100		K36900352_K0U335
250	76x120	4.7	60	1500	3.9	50		K36111251_K0J120
330	86x120	3.8	60	1980	3.8	60		K36111331_K0Q120
360	86x120	3.8	60	2160	3.5	50		K36111361_K0Q120
400	86x145	1.5	45	2000	2.9	70		K36111401_K0Q145
420	86x135	2.3	60	3780	4.8	65		K36111421_K0Q135
420	86x155	1.8	40	1680	4.4	80		K36111421_K0Q155
500	86x175	1.6	50	3000	2.8	70		K36111501_K0Q175
650	116x125	1.9	60	3250	2.9	60		K36111651_K0T125
680	86x225	1.8	60	4080	1.9	70		K36111681_K0Q225
730	116x150	0.8	45	2920	2.5	80		K36111731_K0T150
900	136x125	1.4	60	4050	2.5	60		K36111901_K0U125
920	116x175	1.4	60	5520	2.2	80		K36111921_K0T175
1250	116x230	1.1	60	7250	2.7	100		K36111122_K1T230
1700	136x230	0.9	60	7650	1.8	100		K36111172_K0U230
2550	136x335	0.7	60	10125	1.3	120		K36111252_K1U335

Cap. µF	Ø x L mm	ESR mΩ	Ls nH	Ipeak A	Rth K/W	Irms 10kHz 45°C A	PART NUMBER Termination digit excluded
220	76x120	4.9	60	1980	3.9	50	K36121221_K0J120
250	86x120	4.5	60	2250	3.6	50	K36121251_K0Q120
250	86x125	1.5	40	2000	3.3	60	K36121251_K0Q125
270	86x120	4	60	2430	3.5	50	K36121271_K0Q120
330	116x125	3.3	60	2640	3	60	K36121331_K0T125
330	86x140	4.8	80	1980	3	50	K36121331_K0Q140
420	86x175	1.8	50	2520	2.8	70	K36121421_K0Q175
470	86x225	2.5	60	2820	2.1	80	K36121471_K0Q225
500	116x130	1.6	50	3000	2.8	90	K36121501_K0T130
550	116x130	2.5	30	2475	2.8	100	K36121551_K0T130
680	116x175	1.3	50	5440	2.2	80	K36121681_K0T175
1000	136x175	1.1	50	8000	2	100	K36121102_K0U175
1000	116x230	1.3	60	7000	1.9	85	K36121102_K0T230
1200	136x230	1.2	60	7800	1.6	100	K36121122_K0U230
1800	136x335	0.9	60	9900	1.2	120	K36121182_K0U335
90	76x95	3.3	45	1200	5.5	50	K36161900_K0J095
120	76x120	4.4	55	1200	4.8	50	K36161121_K0J120
120	86x95	2.6	45	1200	5.1	60	K36161121_K0Q095
150	76x140	4.9	55	1200	4.6	45	K36161151_K0J140
150	76x145	2.4	45	1200	4.3	70	K36161151_K0J145
170	76x175	2.5	45	2300	4.3	65	K36161171_K0J175
250	86x175	2.2	45	3300	4.4	70	K36161251_K0Q175
320	116x120	1.9	50	4280	5	70	K36161321_K0T120
420	116x175	2.1	45	6549	3.6	100	K36161421_K0T175
470	116x175	1.4	45	5640	3.4	100	K36161471_K0T175
600	116x230	1.1	50	9000	2.8	100	K36161601_K0T230
850	136x230	1.1	60	8500	2.4	120	K36161851_K0U230
75	76x120	8.4	60	1200	3.9	40	K36201750_K0J120
100	86x120	6.3	60	1600	3.5	50	K36201101_K0Q120
150	86x175	2.8	50	2400	2.5	60	K36201151_K0Q175
190	116x125	3.4	60	3040	2.9	60	K36201191_K0T125
200	86x225	3.3	60	3200	3.3	60	K36201201_K0Q225
270	116x175	2.2	50	4320	3.2	70	K36201271_K0T175
280	116x175	1.5	50	4480	2.2	70	K36201281_K0T175
370	116x225	1.9	60	5920	1.9	70	K36201371_K0T225
400	136x175	1.1	50	6400	1.8	80	K36201401_K0U175
600	136x260	0.9	50	9600	1.3	100	K36201601_K0U260
800	135x335	1	60	12800	1.1	100	K36201801_K0U335
66	86x140	4	60	1450	4.6	50	K36251660_K0Q140
130	116x140	2.6	60	3900	3.3	60	K36251131_K0T140
150	116x175	1.2	50	4500	2.9	100	K36251151_K0T175
210	116x225	1.4	60	6300	2.5	100	K36251211_K0T225
210	136x175	1.1	50	6300	2.5	100	K36251221_K0U175
290	136x225	1.3	60	8700	2.1	100	K36251291_K0U225
350	136x265	1.5	60	9800	1.9	100	K36251351_K0U265
42	86x140	4.7	60	1470	4.7	50	K36301420_K0Q140
68	86x225	2.3	60	2380	3.2	70	K36301680_K0Q225
66	116x120	2.6	60	2310	3.6	60	K36301660_K0T120
82	116x175	5.9	60	2870	3.3	60	K36301820_K0T175
100	116x175	5.6	60	3500	2.4	50	K36301101_K0T175
120	136x175	4.3	50	4200	2.9	50	K36301121_K0U175
150	116x230	6.7	60	5250	2.9	40	K36301151_K0T230
180	136x230	5.6	60	6300	3	60	K36301181_K0U230
42	116x130	3.7	60	2520	3.2	60	K36361420_K0Q130
60	136x130	2.7	60	3600	3.3	70	K36361600_K0U130
88	116x225	6.6	60	5280	2.5	100	K36361880_K0Q225
110	116x265	4.5	60	6600	2.2	100	K36361111_K0Q265
125	136x230	4.7	60	7500	1.5	100	K36361121_K1U230
150	136x265	2.5	60	9000	1.4	100	K36361151_K0U265
24	86x140	3.9	60	1680	4.5	40	K36401240_K0Q140
38	86x225	2	60	2660	3.2	80	K36401380_K0Q225
70	116x225	3.8	60	4900	2.5	100	K36401700_K0Q225
100	136x225	4.5	60	7000	2.1	100	K36401101_K0U225
130	136x265	3.8	60	9100	1.8	100	K36401131_K0U265

**RATED
VOLTAGE
VDC**

1200V

1600V

2000V

2500V

3000V

3600V

4000V