



Kendeil™

Metallized
Polypropylene
D.C. Link
Capacitors





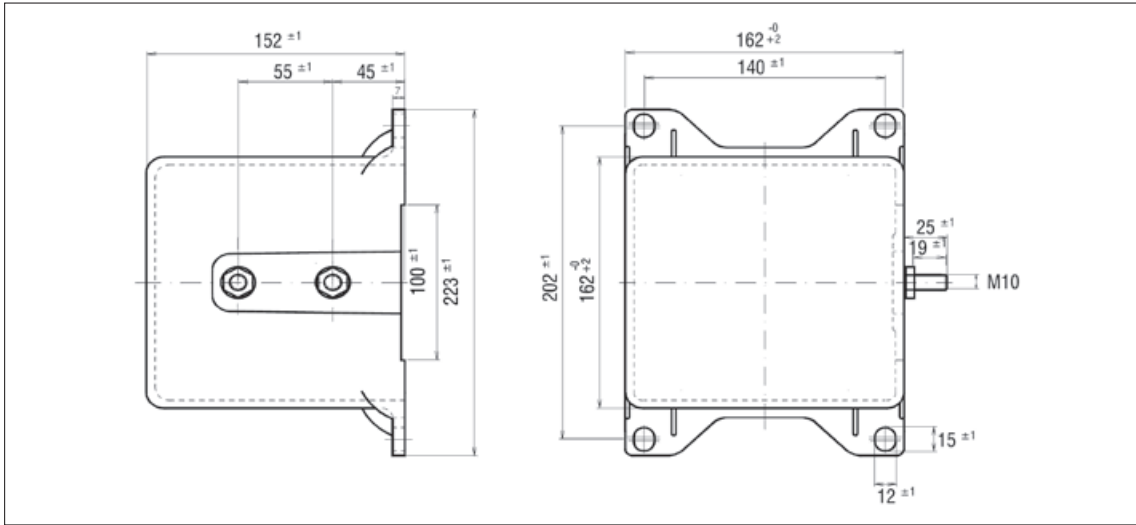
APPLICATIONS

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	I _{rmax} A	Rs mΩ	PART NUMBER
50	162x223x152	5000	160	60	≤3	K3350150000K0K152
100	162x223x152	3500	100	60	≤3	K335110100K0K152
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

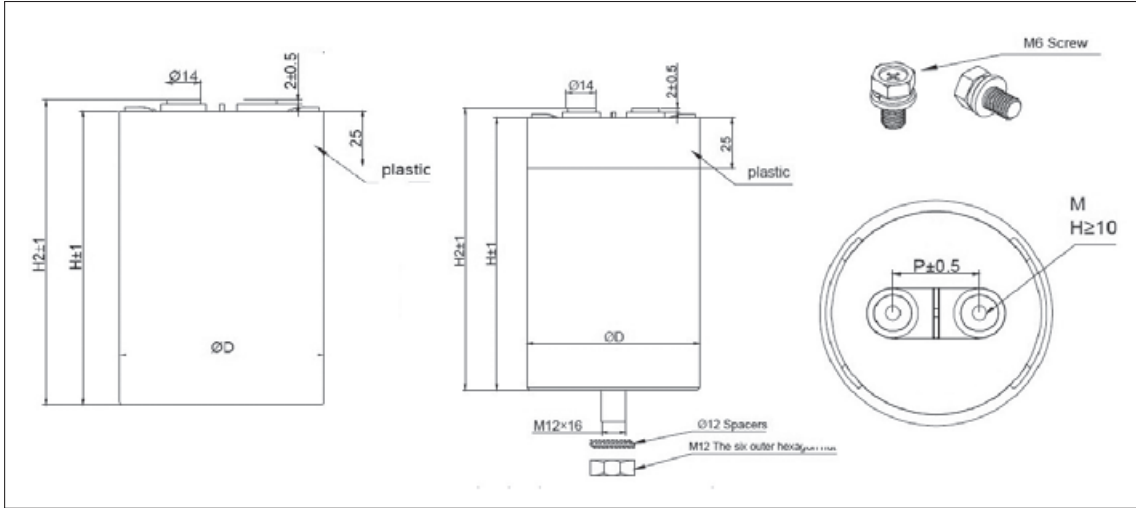
DRAWING OF K33 TYPE

Dimensions in mm.



DRAWING OF K36 TYPE

Dimensions in mm.



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 45°C A	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	76x145	1.4	40	4200	4.7	60	K36800421_K0J145
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	86x225	1.2	50	7700	3	70	K36800112_K0Q225
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	86x255	1.2	50	7700	3	70	K36900112_K0Q255
1100	116x150	1.2	40	6600	2.5	90	K36900112_K0T150
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	116x180	1.4	60	5520	2.2	80	K36111921_K0T180
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	86x155	4.8	80	1980	3	50	K36121331_K0Q155
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	116x180	1.3	50	5440	2.2	80	K36121681_K0T180
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	136x335	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	136x180	1.1	50	6300	2.5	100	K36251211_K0U180
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
66	116x120	2.6	60	2310	3.6	60	K36301660_K0T120
68	86x225	2.3	60	2380	3.2	70	K36301680_K0Q225
82	116x180	5.9	60	2870	3.3	60	K36301820_K0T180
100	116x180	5.6	60	3500	2.4	50	K36301101_K0T180
120	136x180	4.3	50	4200	2.9	50	K36301121_K0U180
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_K0T130
60	136x130	2.7	60	3600	3.3	70	K36361600_K0U130
88	116x225	6.6	60	5280	2.5	100	K36361880_K0T225
110	116x265	4.5	60	6600	2.2	100	K36361111_K0T265
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	116x230	3.8	60	4900	2.5	100	K36401700_K0T230
100	136x230	4.5	60	7000	2.1	100	K36401101_K0U230
130	136x265	3.8	60	9100	1.8	100	K36401131_K0U265

**RATED
VOLTAGE
VDC**
1200V
1600V
2000V
2500V
3000V
3600V
4000V

APPLICATIONS

Different kinds of electronic equipment DC Link, High performance DC filtering, Industrial and high-end power supplies, Energy storage and filter, Frequency converters, Solar inverters

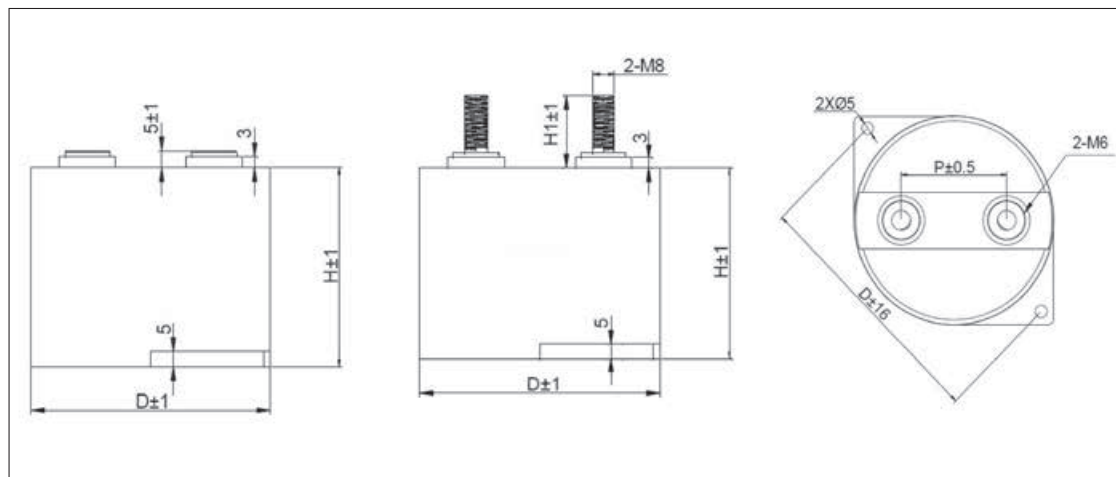


Cap μF	Ø x H mm mm	P mm	ESR mΩ	Ls nH	I _{peak} A	R _{th} K/W	I _{RMS} 10kHz 45 A	PART NUMBER Terminals, Insert excluded
260	85 50	45	0.92	35	2080	5.3	65	K37400261__K0L050
380	85 65	45	1.02	40	2280	5.0	65	K37400381__K0L065
600	115 64	60	1.15	40	3900	3.4	75	K37400601__K0S064
150	85 50	45	1.05	35	2250	5.3	60	K37800151__K0L050
220	85 65	45	1.11	40	2200	5.0	60	K37800221__K0L065
350	115 64	60	1.30	40	3675	3.4	70	K37800351__K0S064
150	85 50	45	1.05	35	2250	5.3	60	K37900151__K0L050
220	85 65	45	1.11	40	2200	5.0	60	K37900221__K0L065
350	115 64	60	1.35	40	3675	3.4	70	K37900351__K0S064
100	85 50	45	1.31	35	1900	5.3	50	K37111101__K0L050
140	85 65	45	1.50	40	1820	5.0	50	K37111141__K0L065
150	85 65	45	1.72	45	1900	5.0	50	K37111151__K0L065
190	85 76	45	1.54	45	1800	4.6	55	K37111191__K0L076
230	115 64	60	1.44	40	3220	3.4	65	K37111231__K0S064
70	85 50	45	1.42	35	1400	5.3	50	K37131700__K0L050
100	85 65	45	1.79	40	1500	5.0	45	K37131101__K0L065
130	85 76	45	1.92	45	1690	4.6	45	K37131131__K0L076
160	115 64	60	1.62	40	2400	3.4	60	K37131161__K0S064
56	85 50	45	1.55	35	1400	5.3	50	K37141560__K0L050
86	85 65	45	1.80	40	1720	5.0	45	K37141860__K0L065
110	85 76	45	1.94	45	1650	4.6	45	K37141111__K0L076
130	115 64	60	1.73	40	2340	3.4	60	K37141131__K0S064
50	85 50	45	1.66	35	1250	5.3	45	K37151500__K0L050
76	85 65	45	1.92	40	1520	5.0	45	K37151760__K0L065
95	85 76	45	2.08	45	1710	4.6	45	K37151950__K0L076
110	115 64	60	1.82	40	2200	3.4	60	K37151111__K0S064

PLEASE TO CONTACT OUR TECHNICAL SERVICE FOR MORE INFORMATION OR SPEC-IN ANALYSIS.

DRAWING OF K37 TYPE

Dimensions in mm.



**RATED
VDC**

400V

800V

900V

1100V

1300V

1400V

1500V



**Metallized
Polypropylene
D.C. Link
Capacitors**

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ALL PRODUCTS READY

RoHS Compliant

EDITION 02/2020

AGENT OR DISTRIBUTOR