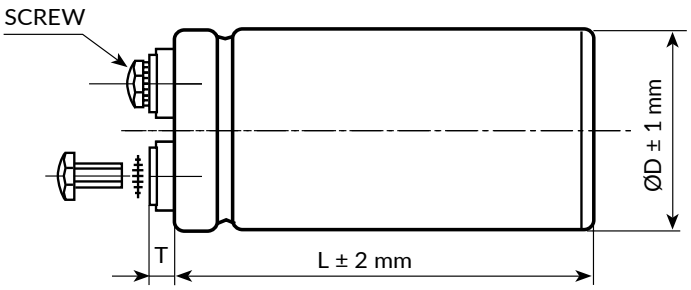
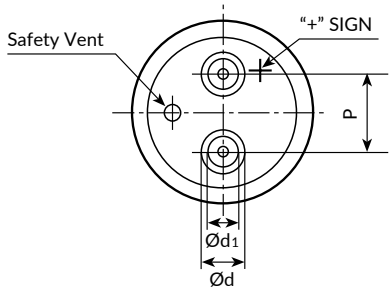
K02 TYPE
-40°C +105°C 5000H

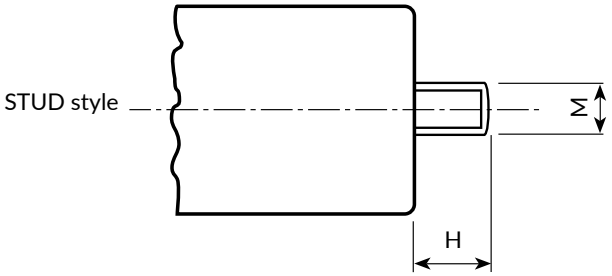
APPLICATIONS

Designed for professional power electronics
Switch mode power supplies, converters, filtering devices.

- Surge-proof capacitor in aluminium can with insulation sleeve
- Poles brought out to heavy duty screw terminals
- To be mounted with ring clips or with threaded stud
- Very high CV for unit volume with low ESR.
- High ripple current
- Excellent electrical data in small dimensions case size







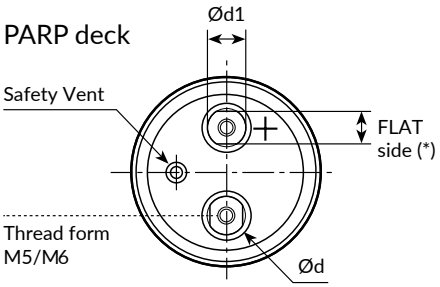


Diagram of dimensions (unit=mm) - Insert and screw threads: Metric (mm), UNF (inches)

ØD	d ±0.3	d1 ±0.3	P ±0.5	T ±0.5	STUD M	STUD H	INSERT	SCREW	CODE
35	11.6	7.9	12.7	6.5	M8	12	M5	5MA x 9.5	0
51	18.2	13	22.2	5	M12	16	M5	5MA x 9.5	H
63	18.2	13	28.5	5	M12	16	M5	5MA x 9.5	H
76	18.2	13	31.8	4.5	M12	16	M5	5MA x 9.5	H
76	18.2	13	31.8	6.5	M12	16	M5 long	5MA x 9.5	L
76	23.2	17.7	31.8	5	M12	16	M6	6MA x 10	6
76	17.2	17.2	31.4	6.4	M12	16	M6 NO COLLAR	6MA x 11	F
90	23.2	17.7	31.8	5	M12	16	M6	6MA x 10	H
100	23	17,3	41,5	11	M12	16	M8	8MA x 15,5	8
51	13	13(10)*	22.2	5	M12	16	PARP M5	5MA x 9.5	B
63	13	13(10)*	28.5	5	M12	16	PARP M5	5MA x 9.5	B
63	19	15(13)*	28.5	6	M12	16	PARP M5	5MA x 9.5	K
76	19	15(13)*	31.8	6	M12	16	PARP M5	5MA x 9.5	K
76	19	15(13)*	31.8	6	M12	16	PARP M6	6MA x 10	Q
90	19	15(13)*	31.8	6	M12	16	PARP M6	6MA x 10	Q
35	11.6	7.9	12.7	6.5	M8	12	UNF 10-32 high post	10-32 x 3/8"	U
63	17.3	17.3	28.5	2.5	M12	16	UNF 1/4-28 low post	1/4-28 x 3/8"	W
63	17.3	17.3	28.5	6	M12	16	UNF 1/4-28 high post	1/4-28 x 1/2"	R
63	7.9	7.9	28.5	2	M12	16	UNF 10-32 low post	10-32 x 1/4"	Z
63	12	7.9	28.5	6.5	M12	16	UNF 10-32 high post	10-32 x 3/8"	U
76	17.3	17.3	31.8	2.5	M12	16	UNF 1/4-28 low post	1/4-28 x 3/8"	W
76	17.3	17.3	31.8	6	M12	16	UNF 1/4-28 high post	1/4-28 x 1/2"	R
76	7.9	7.9	31.8	2	M12	16	UNF 10-32 low post	10-32 x 1/4"	Z
76	12	7.9	31.8	6.5	M12	16	UNF 10-32 high post	10-32 x 3/8"	U

Note (*) quote on the flat side of PARP deck (PARP = Protection Against Reverse Polarity)

K02 TYPE
-40°C +105°C 5000H

SPECIFICATIONS

Temperature Range

Operating -40°C +105°C [Environmental classification 40/105/56 IEC-68]

Storage: Preferably below +25°C, not exceeding +40°C

Rated Voltage Range (V_r)

from 16V to 550V DC

Surge Voltage (V_p)

$V_p = 1.15\ V_r$ ($V_r \leq 250$V DC) $V_p = 1.10\ V_r$ ($V_r > 250$V DC)

Rated Capacitance Range

from 100 µF to 470.000 µF

Capacitance Tolerance

±20% at 100 Hz, 20°C [M class IEC-62]
on request: -10% +30% at 100 Hz, 20°C [Q class IEC-62]

Leakage Current (I_L) (µA, 5 min, 20°C)

max $I_L = 0.006\ C_r\ V_r + 4$ µA Kendeil product limit: $I_L = 0.003\ C_r\ V_r$
at 85°C max $I_L = 0.04\ C_r\ V_r$ µA

Ripple current (I_r)

Refer to table at 105°C and 100Hz. For different temperature and frequency multiplier must be used as follows:

FREQUENCY	50 Hz	100 Hz	500 Hz	1000 Hz	>10 KHz
MULTIPLIER	0.8	1.0	1.2	1.3	1.5

AMBIENT TEMP	35°C	45°C	55°C	65°C	75°C	85°C	95°C	105°C	110°C
MULTIPLIER	3.0	2.8	2.6	2.4	2.2	1.8	1.5	1.0	0.5

Due to the current load capability of the contact elements, the following limits must not be exceeded:

CAPACITOR DIAMENTER	35mm	51mm	63mm	76mm	90mm
Maximum current	20A	30A	40A	50A	70A

Insulation Resistance

At 100V DC for 1 min is >100 MΩ across insulating sleeve and terminals.

Vibration Resistance

Frequency range: 10 Hz to 55 Hz
Capacitor length ≤ 143 : max acceleration 0.75mm or 10g for 3x2 h
Capacitor length > 143 : max acceleration 0.35mm or 5g for 3x0.5 h

Withstand voltage

2500 VAC for 1 min

Life test

After 2,000 hours application of rated voltage at 105°C capacitors meet characteristics aside

Cap change	≤ 10%
tan (δ)	≤ 130%
Leakage current (I_L)	< initial limit
Impedance (Z)	≤ 130%

Shelf life

After leaving capacitors under no load for 500 hours at 105°C, when restored at 20°C meet specifications aside

Cap change	≤ ±15%
tan (δ)	≤ 150%
Leakage current (I_L)	< initial limit

Useful life (V_n, Temp rated I ripple applied)

> 250000 h at 40°C
> 5000 h at 105°C for V≤500V
> 3000 h at 105°C for V=550V

Failure percentage Failure rate

≤ 1% (during useful life)
≤ 30 fit (30 10^{-9}/h) ($V_r \leq 160$V DC)
≤ 40 fit (40 10^{-9}/h) ($V_r > 160$V DC)

Self inductance

Approx. 20 nH

Damp heat test

Stable electrical parameters in humidity ambient condition 85°C. V_n applied, 2000 hours. 85% RH

Electrolyte

All the capacitors of this series have self-extinguishing electrolyte in accordance with IEC EN 60695-11-10

Reference standards

CECC 30.300 IEC 60384-4 LONG LIFE GRADE

K02 TYPE
-40°C +105°C 5000H

Rated Voltage VDC **16V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
10000	35x60	0,25	25	24	3,3	K02016103__M0E060
15000	35x60	0,30	16	16	3,5	K02016153__M0E060
22000	35x60	0,35	12	12	4,4	K02016223__M0E060
33000	35x60	0,40	12	12	4,6	K02016333__M0E060
47000	35x79	0,55	9	10	7,5	K02016473__M0E079
68000	51x79	0,60	8	8	11,9	K02016683__M0G079
82000	51x79	0,70	8	8	12,1	K02016823__M0G079
100000	51x79	0,80	8	8	12,2	K02016104__M0G079
100000	51x105	0,80	8	8	12,3	K02016104__M0G105
150000	63x105	1,10	7	7	15,4	K02016154__M0H105
220000	76x105	1,50	7	7	18,8	K02016224__M0J105
330000	76x105	1,90	7	7	19,7	K02016334__M0J105
470000	76x143	2,00	6	6	22,5	K02016474__M0J143
1000000	90x220	2,60	3	3	29,4	K02016105__M0L220

Rated Voltage VDC **25V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
10000	35x60	0,20	23	18	3,8	K02025103__M0E060
15000	35x60	0,25	16	12	4,8	K02025153__M0E060
22000	35x60	0,30	12	12	7,0	K02025223__M0E060
33000	51x79	0,35	10	10	8,9	K02025333__M0G079
47000	51x79	0,40	9	9	11,6	K02025473__M0G079
68000	51x79	0,50	8	8	12,0	K02025683__M0G079
68000	51x105	0,50	8	8	13,0	K02025683__M0G105
100000	63x105	0,60	8	8	15,8	K02025104__M0H105
150000	76x105	0,90	7	7	18,3	K02025154__M0J105
220000	76x143	1,30	7	7	21,6	K02025224__M0J143
330000	76x143	2,00	7	7	23,8	K02025334__M0J143
680000	90x220	3,00	3	3	38,1	K02025684__M0L220

Rated Voltage VDC **40V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
4700	35x60	0,20	31	29	3,3	K02040472__M0E060
6800	35x60	0,20	23	20	3,9	K02040682__M0E060
10000	35x60	0,20	16	12	4,4	K02040103__M0E060
10000	35x79	0,20	16	12	4,8	K02040103__M0E079
15000	35x79	0,20	12	10	5,4	K02040153__M0E079
22000	35x79	0,25	10	10	6,6	K02040223__M0E079
22000	51x79	0,25	10	10	8,9	K02040223__M0G079
33000	51x79	0,35	10	10	9,9	K02040333__M0G079
33000	51x105	0,35	10	10	11,2	K02040333__M0G105
47000	51x105	0,45	9	9	13,8	K02040473__M0G105
47000	63x105	0,45	9	9	14,5	K02040473__M0H105
68000	63x105	0,60	7	7	15,0	K02040683__M0H105
68000	76x105	0,60	7	7	15,9	K02040683__M0J105
100000	63x105	0,90	7	7	17,2	K02040104__M0H105
100000	76x105	0,90	7	7	19,1	K02040104__M0J105
100000	76x143	0,90	7	7	21,0	K02040104__M0J143
150000	76x105	1,30	7	7	18,9	K02040154__M0J105
150000	76x143	1,30	7	7	25,9	K02040154__M0J143
220000	76x143	1,50	5	5	25,7	K02040224__M0J143
470000	90x220	2,00	3	3	36,3	K02040474__M0L220

K02 TYPE
-40°C +105°C 5000H

Kendeil™

Rated Voltage VDC

63V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
2200	35x60	0,15	72	60	2,5	K02063222__M0E060
3300	35x60	0,15	48	39	3,5	K02063332__M0E060
4700	35x60	0,15	33	28	4,2	K02063472__M0E060
6800	35x60	0,18	18	13	5,2	K02063682__M0E060
6800	35x79	0,18	18	13	6,3	K02063682__M0E079
10000	35x79	0,20	15	11	7,6	K02063103__M0E079
10000	51x79	0,20	15	11	8,2	K02063103__M0G079
15000	51x79	0,25	15	13	8,9	K02063153__M0G079
15000	51x105	0,25	13	10	10,0	K02063153__M0G105
22000	51x79	0,30	11	10	9,5	K02063223__M0G079
22000	51x105	0,30	11	10	11,8	K02063223__M0G105
22000	63x105	0,30	11	10	13,5	K02063223__M0H105
33000	51x105	0,35	11	10	11,1	K02063333__M0G105
33000	63x105	0,35	11	10	14,8	K02063333__M0H105
33000	76x105	0,35	11	8	16,6	K02063333__M0J105
47000	63x105	0,45	9	8	16,8	K02063473__M0H105
47000	76x105	0,45	9	8	17,7	K02063473__M0J105
47000	76x143	0,45	9	8	19,0	K02063473__M0J143
68000	63x105	0,70	8	8	18,6	K02063683__M0H105
68000	76x105	0,45	8	8	20,1	K02063683__M0J105
68000	76x143	0,70	8	8	22,8	K02063683__M0J143
100000	76x143	0,70	8	8	24,1	K02063104__M0J143
150000	76x143	0,70	5	5	25,2	K02063154__M0J143
220000	90x220	0,80	5	5	30,0	K02063224__M0L220

Rated Voltage VDC

100V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
1000	35x60	0,15	110	100	2,9	K02100102__M0E060
1500	35x60	0,15	80	73	3,2	K02100152__M0E060
2200	35x60	0,15	59	53	4,4	K02100222__M0E060
3300	35x60	0,15	33	32	3,9	K02100332__M0E060
3300	35x79	0,15	33	31	5,8	K02100332__M0E079
4700	51x79	0,15	25	22	7,2	K02100472__M0G079
6800	51x79	0,15	19	17	8,9	K02100682__M0G079
6800	51x105	0,15	19	17	8,9	K02100682__M0G105
8200	51x79	0,15	18	15	9,7	K02100822__M0G079
10000	51x79	0,15	17	15	10,1	K02100103__M0G079
10000	51x105	0,15	17	15	11,0	K02100103__M0G105
10000	63x105	0,15	17	15	12,5	K02100103__M0H105
15000	51x105	0,15	12	12	13,2	K02100153__M0G105
15000	63x105	0,15	12	12	15,1	K02100153__M0H105
22000	63x105	0,18	10	9	15,3	K02100223__M0H105
22000	76x105	0,18	10	9	16,5	K02100223__M0J105
33000	76x105	0,22	8	8	18,7	K02100333__M0J105
33000	76x143	0,22	8	8	20,9	K02100333__M0J143
47000	76x143	0,25	5	5	23,4	K02100473__M0J143
68000	90x220	0,25	3	3	32,8	K02100683__M0L220

K02 TYPE
-40°C +105°C 5000H

Rated Voltage VDC **160V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
1000	35x79	0,11	105	90	3,3	K02160102__M0E079
1500	35x79	0,11	65	60	3,1	K02160152__M0E079
1500	51x79	0,11	65	60	4,1	K02160152__M0G079
2200	51x79	0,11	46	43	4,6	K02160222__M0G079
2200	51X105	0,11	46	43	4,8	K02160222__M0G105
3300	51x79	0,11	32	30	5,5	K02160332__M0G079
3300	63x105	0,11	32	30	6,8	K02160332__M0H105
4700	63x105	0,11	27	25	8,5	K02160472__M0H105
6800	63x105	0,13	23	20	8,8	K02160682__M0H105
6800	76x105	0,13	23	20	11,3	K02160682__M0J105
10000	76x105	0,14	22	20	14,2	K02160103__M0J105
10000	76x143	0,15	17	16	14,9	K02160103__M0J143
15000	76x143	0,20	16	12	17,2	K02160153__M0J143
22000	76X214	0,20	11	10	19,0	K02160223__M0J214
47000	90x220	0,30	6	5	24,9	K02160473__M0L220

Rated Voltage VDC **200V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
680	35X60	0,11	133	98	2,5	K02200681__M0E060
820	35x60	0,11	97	72	3,2	K02200821__M0E060
1000	51x79	0,11	85	64	4,6	K02200102__M0G079
1500	51x79	0,11	65	58	4,4	K02200152__M0G079
1500	51x105	0,11	65	58	5,1	K02200152__M0G105
2200	51x79	0,11	60	53	5,1	K02200222__M0G079
2200	51x105	0,11	60	53	6,1	K02200222__M0G105
3300	51x105	0,11	40	35	6,8	K02200332__M0G105
3300	63x105	0,11	40	35	7,9	K02200332__M0H105
4700	63x105	0,11	25	23	8,7	K02200472__M0H105
5600	63x105	0,11	22	20	9,8	K02200562__M0H105
6800	63x105	0,11	18	16	8,7	K02200682__M0H105
6800	76X105	0,11	18	16	11,8	K02200682__M0J105
8200	76X105	0,11	17	15	12,8	K02200822__M0J105
10000	76x105	0,13	15	13	14,5	K02200103__M0J105
10000	76x143	0,15	13	12	16,0	K02200103__M0J143
15000	76x143	0,20	12	11	17,3	K02200153__M0J143
22000	76x214	0,20	11	10	18,9	K02200223__M0J214
33000	90x220	0,25	6	5	28,8	K02200333__M0L220

K02 TYPE
-40°C +105°C 5000H

Kendeil™

Rated Voltage VDC
250V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
470	35x60	0,11	211	193	2,0	K02250471__M0E060
680	35x60	0,11	130	98	2,1	K02250681__M0E060
680	35x79	0,11	130	98	2,2	K02250681__M0E079
820	35x60	0,11	120	90	2,4	K02250821__M0E060
820	35x79	0,11	120	91	2,8	K02250821__M0E079
1000	51x79	0,11	110	85	4,1	K02250102__M0G079
1500	51x79	0,11	74	65	4,5	K02250152__M0G079
1500	51x105	0,11	74	65	5,4	K02250152__M0G105
2200	51x105	0,11	41	39	6,8	K02250222__M0G105
3300	51x105	0,11	30	26	7,0	K02250332__M0G105
3300	63x105	0,11	30	26	8,2	K02250332__M0H105
4700	63x105	0,11	18	17	9,5	K02250472__M0H105
4700	76x105	0,11	18	17	11,9	K02250472__M0J105
5600	63x105	0,11	24	19	10,2	K02250562__M0H105
5600	76x105	0,11	17	16	13,2	K02250562__M0J105
6800	76x105	0,15	16	14	13,3	K02250682__M0J105
6800	76x143	0,15	15	14	14,3	K02250682__M0J143
8200	76x143	0,15	14	14	15,2	K02250822__M0J143
10000	76x143	0,20	14	13	16,0	K02250103__M0J143
15000	76x214	0,20	12	10	17,4	K02250153__M0J214
22000	76x214	0,22	11	10	20,2	K02250223__M0J214
33000	90x220	0,24	6	5	27,1	K02250333__M0L220

Rated Voltage VDC
350V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
330	35x60	0,11	255	196	1,8	K02350331__M0E060
470	35x79	0,11	170	141	2,1	K02350471__M0E079
680	35x79	0,11	128	97	2,8	K02350681__M0E079
680	51x79	0,11	128	96	3,8	K02350681__M0G079
1000	51x79	0,11	110	85	4,0	K02350102__M0G079
1000	51x105	0,11	85	68	5,0	K02350102__M0G105
1500	51x79	0,11	74	66	5,0	K02350152__M0G079
1500	51x105	0,11	59	52	5,6	K02350152__M0G105
1500	63x105	0,11	59	52	6,4	K02350152__M0H105
2200	63x105	0,11	44	40	7,2	K02350222__M0H105
2200	76x105	0,11	44	40	8,1	K02350222__M0J105
3300	76x105	0,11	26	23	10,2	K02350332__M0J105
4700	76x105	0,11	18	17	11,1	K02350472__M0J105
4700	76x143	0,11	18	16	13,5	K02350472__M0J143
5600	76x105	0,12	18	16	11,5	K02350562__M0J105
5600	76x143	0,12	18	17	14,3	K02350562__M0J143
6800	76x143	0,15	16	15	15,1	K02350682__M0J143
8200	76x143	0,15	16	15	16,5	K02350822__M0J143
10000	76x214	0,20	15	14	19,9	K02350103__M0J214
20000	90x220	0,20	10	10	26,0	K02350203__M0L220
20000	90x220	0,20	10	10	26	K02350203__M0L220

K02 TYPE
-40°C +105°C 5000H

Rated Voltage VDC **400V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
220	35x60	0,11	350	280	1,4	K02400221__M0E060
330	35x60	0,11	250	210	2,2	K02400331__M0E060
470	51x79	0,11	170	150	2,8	K02400471__M0G079
680	51x79	0,11	110	100	3,2	K02400681__M0G079
820	51x79	0,11	108	82	3,2	K02400821__M0G079
1000	51x79	0,11	95	82	3,4	K02400102__M0G079
1000	51x105	0,11	95	82	4,1	K02400102__M0G105
1500	51x105	0,11	64	53	4,7	K02400152__M0G105
1500	63x105	0,11	64	53	5,8	K02400152__M0H105
2200	63x105	0,11	45	53	6,0	K02400222__M0H105
2200	76x105	0,11	45	39	7,3	K02400222__M0J105
3300	76x105	0,11	28	25	8,3	K02400332__M0J105
3300	76x143	0,11	28	25	11,1	K02400332__M0J143
4700	76x143	0,11	24	23	12,8	K02400472__M0J143
5600	76x143	0,12	21	17	12,9	K02400562__M0J143
6800	76x214	0,15	19	15	15,5	K02400682__M0J214
8200	76x214	0,15	18	16	18,0	K02400822__M0J214
10000	90x220	0,20	16	14	22,5	K02400103__M0L220
15000	90x220	0,22	12	10	23,0	K02400153__M0L220

Rated Voltage VDC **450V**

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
100	35x60	0,11	800	650	1,2	K02450101__M0E060
150	35x60	0,11	550	490	1,6	K02450151__M0E060
220	35x60	0,11	370	310	1,8	K02450221__M0E060
330	35x79	0,11	240	210	2,4	K02450331__M0E079
470	51x79	0,11	200	179	3,0	K02450471__M0G079
680	51x79	0,11	140	128	3,1	K02450681__M0G079
680	51x105	0,11	140	128	4,2	K02450681__M0G105
1000	51x105	0,11	100	88	4,4	K02450102__M0G105
1000	63x105	0,11	100	88	5,3	K02450102__M0H105
1500	63x105	0,11	63	57	5,7	K02450152__M0H105
1500	76x105	0,11	63	57	6,6	K02450152__M0J105
2200	76x105	0,11	48	38	7,6	K02450222__M0J105
2200	76x143	0,11	48	38	8,8	K02450222__M0J143
3300	76x143	0,15	35	30	10,4	K02450332__M0J143
4700	76x143	0,15	28	25	10,9	K02450472__M0J143
5600	76x143	0,15	21	17	11,2	K02450562__M0J143
6800	76x214	0,15	21	16	15,5	K02450682__M0J214
8200	76x214	0,15	18	16	19,2	K02450822__M0J214
10000	90x220	0,20	16	14	22,5	K02450103__M0L220
12000	90x220	0,20	15	13	23,0	K02450123__M0L220

K02 TYPE
-40°C +105°C 5000H

Kendeil™

Rated Voltage VDC

500V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
1000	51x105	0,11	100	88	4,0	K02500102__M0G105
1500	63x105	0,11	64	58	5,4	K02500152__M0H105
1500	63x105	0,11	64	58	5,4	K02500152__M0H105
1800	63x105	0,11	61	53	5,7	K02500182__M0H105
2200	76x105	0,11	60	47	6,9	K02500222__M0J105
2700	76x143	0,13	40	32	8,7	K02500272__M0J143
3300	76x143	0,15	37	31	9,4	K02500332__M0J143
3900	76x143	0,15	31	28	10,1	K02500392__M0J143
4700	76x143	0,15	29	26	10,3	K02500472__M0J143
5600	76x214	0,15	23	19	14,3	K02500562__M0J214
6800	76x214	0,15	21	16	14,8	K02500682__M0J214
6800	90x145	0,15	21	16	13,3	K02500682__M0L145
8200	90x220	0,15	19	15	18,6	K02500822__M0L220
10000	90x220	0,20	17	15	20,0	K02500103__M0L220

Rated Voltage VDC

550V

Cap µF	Ø x L mm	Tan δ max 100 Hz 20°C	ESR TYP mΩ 100 Hz 20°	Z TYP mΩ 10 kHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER stud and insert style excluded
1500	63x105	0,19	109	88	3,6	K02550152__M0H105
1800	76x105	0,19	99	80	4,2	K02550182__M0J143
2200	76x105	0,19	85	85	4,4	K02550222__M0J105
2200	76x143	0,19	81	70	5,3	K02550222__M0J143
2200	76x220	0,20	78	60	5,5	K02550222__M0J220
3300	76x143	0,20	59	49	5,7	K02550332__M0J143
4000	76x143	0,20	52	45	7,4	K02550402__M0J143
4700	76x214	0,20	48	41	8,9	K02550472__M0J214
5600	76x214	0,20	42	38	9,5	K02550562__M0J214
5600	76x220	0,20	40	37	9,7	K02550562__M0J220
5600	90x145	0,20	37	37	9,9	K02550562__M0L145
6800	90x220	0,21	34	28	10,0	K02550682__M0L220
9200	90x220	0,21	30	20	10,7	K02550922__M0L220
10000	90x240	0,21	27	18	12,4	K02550103__M0L240