

Metallized Polypropylene (PP) - Capacitors in Cylindrical Case MKP 6 with High Volume/Capacitance Ratio MKP 6 HP with Higher Current Carrying Capability

Special Features

- Very high volume/capacitance ratio
- Self-healing properties
- With cylindrical aluminium case for bus bar mounting
- Dry construction without electrolyte or oil
- No internal fuse required
- Negative capacitance change versus temperature
- Very low dielectric absorption
- According to RoHS 2011/65/EU
- Customer-specific capacitances or voltages on request

Typical Applications

DC capacitors with high capacitances for applications in power electronics also at non-sinusoidal voltages and currents e.g. in

- Wind power systems
- Inverters

Construction

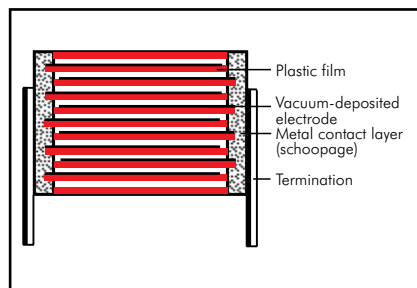
Dielectric:

Polypropylene (PP) film

Capacitor electrodes:

Vacuum-deposited

Internal construction:



Encapsulation:

Aluminium case with PU-sealing, UL 94 V-0

Terminations:

Screw connection (male or female), screw bolt M12 x 16.

Marking:

Colour: Metallic. Marking: Black on silver label.

Electrical Data

Capacitance range: 75 µF to 4920 µF

Rated voltages: 600 VDC, 700 VDC, 900 VDC, 1100 VDC, 1300 VDC, 1500 VDC

Capacitance tolerances: ±20%, ±10% (±5% available subject to special enquiry)

Operating temperature range:

−40° C to +85° C

Insulation resistance at +20° C:

≥ 5 000 sec (MΩ x µF)

(mean value: 20 000 sec)

Measuring voltage: 100 V/1 min.

Dielectric loss factor

$\tan \delta_0: 2 \times 10^{-4}$

Test voltage between terminals

at +25° C: $1.5 U_{rDC}$, 10sec

Test voltage between terminals and case

at +25° C and 50 Hz: $3 kV_{AC}$, 1 min.

Dielectric absorption:

0.05 %

Reliability:

Operational life > 100 000 hours

Failure rate < 50 fit (hot spot ≤ 70° C)

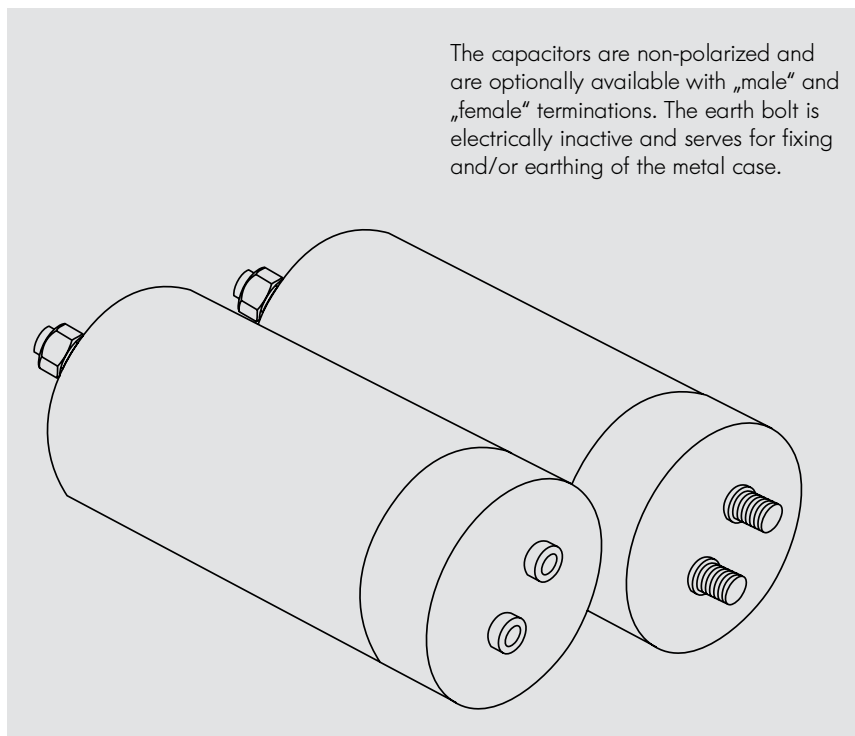
Mounting Recommendation

Excessive mechanical strain, e.g. pressure or shock onto the capacitor body, is to be avoided during mounting and usage of the capacitors.

Packing

Transportation-safe packing in cardboard boxes.

For further details and graphs please refer to Technical Information.



Continuation

General Data

U_R	C_N	D x L mm	I_{rms} (max.)* A	ESR (1 kHz)* mΩ	L_e nH	Approx. weight g	Bestellnummer
600 VDC	320 μF	85 x 60	25	2.1	< 70	380	DCP6I06320EB00_
	460 "	85 x 76	25	2.1	< 70	480	DCP6I06460EC00_
	520 "	85 x 85	30	2.0	< 70	540	DCP6I06520ED00_
	620 "	85 x 95	30	1.9	< 70	600	DCP6I06620EE00_
	760 "	85 x 110	30	1.7	< 70	690	DCP6I06760EF00_
	780 "	85 x 120	30	1.7	< 70	700	DCP6I06780E000_
	950 "	85 x 132	35	1.8	< 70	850	DCP6I06950E100_
	1030 "	85 x 140	35	1.8	< 70	880	DCP6I07103EG00_
	1220 "	116 x 95	40	1.7	< 70	1200	DCP6I07122EN00_
	1500 "	116 x 110	40	1.7	< 70	1390	DCP6I07150EO00_
	1640 "	116 x 120	40	1.6	< 70	1510	DCP6I07164EP00_
	1890 "	116 x 132	40	1.6	< 70	1660	DCP6I07189EQ00_
	2030 "	116 x 140	40	1.6	< 70	1760	DCP6I07203ER00_
700 VDC	230 μF	85 x 60	25	1.9	< 70	380	DCP6K06230EB00_
	330 "	85 x 76	25	1.9	< 70	480	DCP6K06330EC00_
	380 "	85 x 85	30	1.7	< 70	540	DCP6K06380ED00_
	450 "	85 x 95	30	1.7	< 70	600	DCP6K06450EE00_
	550 "	85 x 110	30	1.8	< 70	690	DCP6K06550EF00_
	585 "	85 x 120	30	1.8	< 70	700	DCP6K06585E000_
	690 "	85 x 132	35	1.8	< 70	850	DCP6K06690E100_
	740 "	85 x 140	35	1.8	< 70	880	DCP6K06740EG00_
	890 "	116 x 95	40	1.7	< 70	1200	DCP6K06890EN00_
	1090 "	116 x 110	40	1.7	< 70	1390	DCP6K07109EO00_
	1190 "	116 x 120	40	1.8	< 70	1510	DCP6K07119EP00_
	1370 "	116 x 132	40	1.8	< 70	1660	DCP6K07137EQ00_
	1470 "	116 x 140	40	1.8	< 70	1760	DCP6K07147ER00_
900 VDC	190 μF	85 x 60	30	1.9	< 70	380	DCP6N06190EB00_
	270 "	85 x 76	30	1.9	< 70	480	DCP6N06270EC00_
	315 "	85 x 85	30	1.8	< 70	540	DCP6N06315ED00_
	360 "	85 x 95	30	1.7	< 70	600	DCP6N06360EE00_
	450 "	85 x 110	30	1.7	< 70	690	DCP6N06450EF00_
	480 "	85 x 120	35	1.8	< 70	700	DCP6N06480E000_
	550 "	85 x 132	35	1.8	< 70	850	DCP6N06550E100_
	620 "	85 x 140	35	1.8	< 70	880	DCP6N06620EG00_
	730 "	116 x 95	40	1.7	< 70	1200	DCP6N06730EN00_
	900 "	116 x 110	40	1.7	< 70	1390	DCP6N06900EO00_
	980 "	116 x 120	40	1.8	< 70	1510	DCP6N06980EP00_
	1130 "	116 x 132	40	1.8	< 70	1660	DCP6N07113EQ00_
	1200 "	116 x 140	40	1.8	< 70	1760	DCP6N07120ER00_
1100 VDC	120 μF	85 x 60	30	2.0	< 70	380	DCP6P06120EB00_
	170 "	85 x 76	30	2.0	< 70	480	DCP6P06170EC00_
	200 "	85 x 85	30	1.9	< 70	540	DCP6P06200ED00_
	230 "	85 x 95	30	1.9	< 70	600	DCP6P06230EE00_
	290 "	85 x 110	30	1.8	< 70	690	DCP6P06290EF00_
	325 "	85 x 120	40	1.8	< 70	700	DCP6P06325E000_
	360 "	85 x 132	40	1.8	< 70	850	DCP6P06360E100_
	390 "	85 x 140	40	2.0	< 70	880	DCP6P06390EG00_
	470 "	116 x 95	40	1.8	< 70	1200	DCP6P06470EN00_
	580 "	116 x 110	40	1.8	< 70	1390	DCP6P06580EO00_
	630 "	116 x 120	40	1.7	< 70	1510	DCP6P06630EP00_
	720 "	116 x 132	40	1.7	< 70	1660	DCP6P06720EQ00_
	780 "	116 x 140	40	1.6	< 70	1760	DCP6P06780ER00_

Contacts can handle: peak currents $\hat{I}$ up to 5 kA
surge currents I_S up to 20 kA

* General guide

Customer-specific capacitances or voltages on request

Part number completion:

Tolerance: 20 % = M
10 % = K
5 % = J
Packing: bulk = S
Connection: male = OM
female = OF

Rights reserved to amend design data without prior notification.

Continuation

General Data

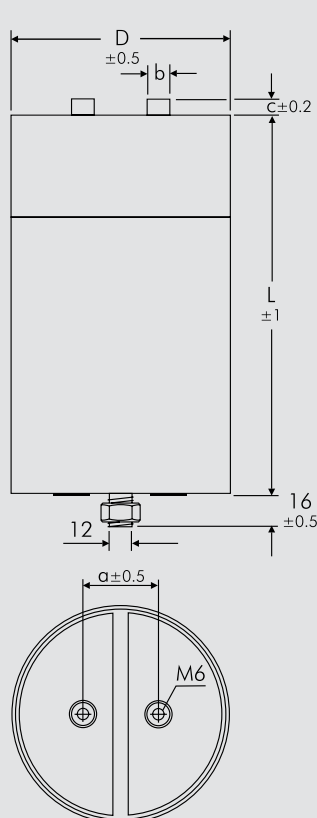
U_R	C_N	D x L mm	I_{rms} (max.)* A	ESR (1 kHz)* mΩ	L_e nH	Approx. weight g	Part number
1300 VDC	85 μF	85 x 60	30	2.1	< 70	380	DCP6R25850EB00_
	120 "	85 x 76	30	2.1	< 70	480	DCP6R26120EC00_
	135 "	85 x 85	30	1.9	< 70	540	DCP6R26135ED00_
	160 "	85 x 95	30	1.9	< 70	600	DCP6R26160EE00_
	200 "	85 x 110	30	1.8	< 70	690	DCP6R26200EF00_
	215 "	85 x 120	30	1.8	< 70	700	DCP6R26215EO00_
	250 "	85 x 132	40	2.2	< 70	850	DCP6R26250E100_
	270 "	85 x 140	40	2.2	< 70	880	DCP6R26270EG00_
	320 "	116 x 95	40	1.8	< 70	1200	DCP6R26320EN00_
	390 "	116 x 110	40	1.8	< 70	1390	DCP6R26390EO00_
	430 "	116 x 120	40	1.7	< 70	1510	DCP6R26430EP00_
	490 "	116 x 132	40	1.7	< 70	1660	DCP6R26490EQ00_
	530 "	116 x 140	40	1.6	< 70	1760	DCP6R26530ER00_
1500 VDC	75 μF	85 x 60	25	2.5	< 70	380	DCP6S05750EB00_
	110 "	85 x 76	25	2.5	< 70	480	DCP6S06110EC00_
	120 "	85 x 85	25	2.3	< 70	540	DCP6S06120ED00_
	145 "	85 x 95	30	2.3	< 70	600	DCP6S06145EE00_
	180 "	85 x 110	30	2.3	< 70	690	DCP6S06180EF00_
	195 "	85 x 120	40	2.4	< 70	700	DCP6S06195EO00_
	225 "	85 x 132	40	2.4	< 70	850	DCP6S06225E100_
	240 "	85 x 140	40	2.5	< 70	880	DCP6S06240EG00_
	290 "	116 x 95	40	1.8	< 70	1200	DCP6S06290EN00_
	355 "	116 x 110	40	1.8	< 70	1390	DCP6S06355EO00_
	390 "	116 x 120	40	1.7	< 70	1510	DCP6S06390EP00_
	445 "	116 x 132	40	1.7	< 70	1660	DCP6S06445EQ00_
	480 "	116 x 140	40	1.7	< 70	1760	DCP6S06480ER00_

Contacts can handle: peak currents $\hat{I}$ up to 5 kA
surge currents I_S up to 20 kA

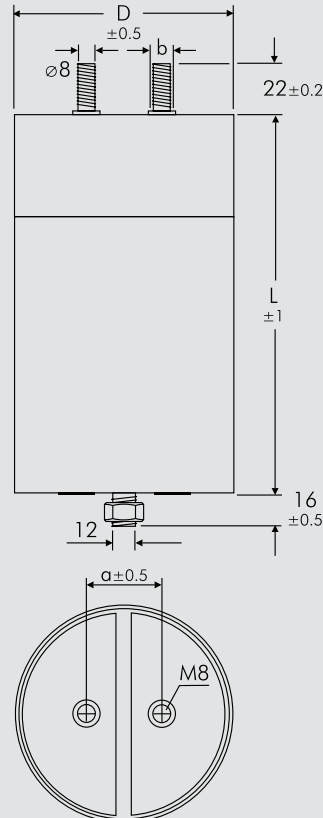
Customer-specific capacitances or voltages on request

* General guide

female



male



Part number completion:

Tolerance: 20 % = M
10 % = K
5 % = J
Packing: bulk = S
Connection: male = 0M
female = 0F

D	L	a	b	c
85	60	32	12	6
85	76	32	12	6
85	85	32	12	6
85	95	32	12	6
85	110	32	12	6
85	120	32	12	6
85	132	32	12	6
85	140	32	12	6
116	95	50	14	5
116	110	50	14	5
116	120	50	14	5
116	132	50	14	5
116	140	50	14	5

Dims. in mm.

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Continuation: Versions with increased dimensioning for higher current carrying capability

General Data

U_R	C_N	D x L mm	I_{rms} (max.)* A	ESR (1 kHz)* mΩ	L_e nH	Approx. weight g	Part number
600 VDC	640 μF	85 x 110	50	1.3	< 50	690	DCHPI06640EF00_-----
	920 "	85 x 140	50	1.3	< 50	880	DCHPI06920EG00_-----
	1040 "	85 x 155	60	1.3	< 50	980	DCHPI07104EH00_-----
	1240 "	85 x 185	60	1.3	< 50	1165	DCHPI07124EI00_-----
	1520 "	85 x 210	60	1.2	< 50	1400	DCHPI07152E200_-----
	1660 "	85 x 235	60	1.2	< 50	1480	DCHPI07166EJ00_-----
	1900 "	85 x 252	60	1.2	< 50	1590	DCHPI07190EK00_-----
	2060 "	85 x 260	60	1.2	< 50	1640	DCHPI07206EL00_-----
	2490 "	85 x 345	70	1.0	< 50	2190	DCHPI07249EM00_-----
	1260 "	116 x 110	80	1.2	< 50	1385	DCHPI07126EO00_-----
	1820 "	116 x 140	80	1.2	< 50	1765	DCHPI07182ER00_-----
	2060 "	116 x 158	80	1.1	< 50	1990	DCHPI07206ES00_-----
	2440 "	116 x 185	80	1.1	< 50	2330	DCHPI07244ET00_-----
	3000 "	116 x 215	80	1.0	< 50	2710	DCHPI07300EU00_-----
	3280 "	116 x 230	90	1.0	< 50	2900	DCHPI07328E700_-----
	3780 "	116 x 255	90	1.0	< 50	3210	DCHPI07378EV00_-----
	4060 "	116 x 295	90	1.0	< 50	3720	DCHPI07406EW00_-----
	4920 "	116 x 342	100	0.7	< 50	4350	DCHPI07492EX00_-----
700 VDC	460 μF	85 x 110	50	1.3	< 50	690	DCHPK06460EF00_-----
	660 "	85 x 140	50	1.3	< 50	880	DCHPK06660EG00_-----
	760 "	85 x 155	60	1.2	< 50	980	DCHPK06760EH00_-----
	900 "	85 x 185	60	1.2	< 50	1165	DCHPK06900EI00_-----
	1100 "	85 x 210	60	1.2	< 50	1400	DCHPK07110E200_-----
	1200 "	85 x 235	60	1.2	< 50	1480	DCHPK07120EJ00_-----
	1380 "	85 x 252	70	1.1	< 50	1590	DCHPK07138EK00_-----
	1480 "	85 x 260	70	1.1	< 50	1640	DCHPK07148EL00_-----
	1800 "	85 x 345	80	1.0	< 50	2190	DCHPK07180EM00_-----
	920 "	116 x 110	80	1.3	< 50	1385	DCHPK06920EO00_-----
	1320 "	116 x 140	80	1.3	< 50	1765	DCHPK07132ER00_-----
	1500 "	116 x 158	80	1.3	< 50	1990	DCHPK07150ES00_-----
	1780 "	116 x 185	80	1.2	< 50	2330	DCHPK07178ET00_-----
	2180 "	116 x 215	90	1.2	< 50	2710	DCHPK07218EU00_-----
	2380 "	116 x 230	90	1.0	< 50	2900	DCHPK07238E700_-----
	2740 "	116 x 255	90	1.0	< 50	3210	DCHPK07274EV00_-----
	2940 "	116 x 295	90	1.0	< 50	3720	DCHPK07294EW00_-----
	3570 "	116 x 342	110	0.7	< 50	4350	DCHPK07357EX00_-----
900 VDC	380 μF	85 x 110	50	1.4	< 50	690	DCHPN06380EF00_-----
	540 "	85 x 140	50	1.4	< 50	880	DCHPN06540EG00_-----
	630 "	85 x 155	60	1.3	< 50	980	DCHPN06630EH00_-----
	720 "	85 x 185	60	1.3	< 50	1165	DCHPN06720EI00_-----
	900 "	85 x 210	60	1.1	< 50	1400	DCHPN06900E200_-----
	1000 "	85 x 235	70	1.0	< 50	1480	DCHPN07100EJ00_-----
	1140 "	85 x 252	70	0.9	< 50	1590	DCHPN07114EK00_-----
	1240 "	85 x 260	70	0.9	< 50	1640	DCHPN07124EL00_-----
	1500 "	85 x 345	80	0.7	< 50	2190	DCHPN07150EM00_-----

Contacts can handle: peak currents $\hat{I}$ up to 10 kA
surge currents I_S up to 40 kA

Customer-specific capacitances or voltages on request

* General guide

Part number completion:

Tolerance: 20 % = M

10 % = K

5 % = J

Packing: bulk = S

Connection: male = 0M

female = 0F

Rights reserved to amend design data without prior notification.

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Continuation

General Data

U _R	C _N	D x L mm	I _{rms} (max.) A	ESR (1 kHz) mΩ	L _e nH	Approx. weight g	Part number
900 VDC	760 μF	116 x 110	80	1.3	< 50	1385	DCHPN06760EO00_
	1100 "	116 x 140	80	1.3	< 50	1765	DCHPN07110ER00_
	1240 "	116 x 158	80	1.3	< 50	1990	DCHPN07124ES00_
	1460 "	116 x 185	80	1.2	< 50	2330	DCHPN07146ET00_
	1800 "	116 x 215	90	1.2	< 50	2710	DCHPN07180EU00_
	1960 "	116 x 230	90	1.0	< 50	2900	DCHPN07196E700_
	2260 "	116 x 255	90	1.0	< 50	3210	DCHPN07226EV00_
	2400 "	116 x 295	90	1.0	< 50	3720	DCHPN07240EW00_
	2940 "	116 x 342	110	0.7	< 50	4350	DCHPN07294EX00_
1100 VDC	240 μF	85 x 110	50	1.3	< 50	690	DCHPP06240EF00_
	340 "	85 x 140	50	1.2	< 50	880	DCHPP06340EG00_
	400 "	85 x 155	50	1.2	< 50	980	DCHPP06400EH00_
	460 "	85 x 185	50	1.2	< 50	1165	DCHPP06460EI00_
	580 "	85 x 210	60	1.2	< 50	1400	DCHPP06580E200_
	640 "	85 x 235	60	1.1	< 50	1480	DCHPP06640EJ00_
	720 "	85 x 252	60	1.1	< 50	1590	DCHPP06720EK00_
	780 "	85 x 260	60	1.2	< 50	1640	DCHPP06780EL00_
	960 "	85 x 345	80	1.0	< 50	2190	DCHPP06960EM00_
	480 "	116 x 110	80	1.4	< 50	1385	DCHPP06480EO00_
	700 "	116 x 140	80	1.3	< 50	1765	DCHPP06700ER00_
	780 "	116 x 158	80	1.3	< 50	1990	DCHPP06780ES00_
	940 "	116 x 185	80	1.3	< 50	2330	DCHPP06940ET00_
	1160 "	116 x 215	90	1.2	< 50	2710	DCHPP07116EU00_
	1260 "	116 x 230	90	1.2	< 50	2900	DCHPP07126E700_
	1440 "	116 x 255	90	1.1	< 50	3210	DCHPP07144EV00_
	1560 "	116 x 295	90	1.0	< 50	3720	DCHPP07156EVW00_
	1890 "	116 x 342	110	0.8	< 50	4350	DCHPP07189EX00_
1300 VDC	170 μF	85 x 110	50	1.3	< 50	690	DCHPR26170EF00_
	240 "	85 x 140	50	1.3	< 50	880	DCHPR26240EG00_
	270 "	85 x 155	50	1.2	< 50	980	DCHPR26270EH00_
	320 "	85 x 185	60	1.2	< 50	1165	DCHPR26320EI00_
	400 "	85 x 210	60	1.2	< 50	1400	DCHPR26400E200_
	440 "	85 x 235	60	1.1	< 50	1480	DCHPR26440EJ00_
	500 "	85 x 252	60	1.1	< 50	1590	DCHPR26500EK00_
	540 "	85 x 260	60	1.2	< 50	1640	DCHPR26540EL00_
	660 "	85 x 345	80	1.0	< 50	2190	DCHPR26660EM00_
	330 "	116 x 110	80	1.4	< 50	1385	DCHPR26330EO00_
	480 "	116 x 140	80	1.4	< 50	1765	DCHPR26480ER00_
	540 "	116 x 158	80	1.3	< 50	1990	DCHPR26540ES00_
	640 "	116 x 185	80	1.3	< 50	2330	DCHPR26640ET00_
	780 "	116 x 215	90	1.2	< 50	2710	DCHPR26780EU00_
	860 "	116 x 230	90	1.2	< 50	2900	DCHPR26860E700_
	980 "	116 x 255	90	1.1	< 50	3210	DCHPR26980EV00_
	1060 "	116 x 295	90	1.1	< 50	3720	DCHPR27106EVW00_
	1290 "	116 x 342	110	0.8	< 50	4350	DCHPR27129EX00_

Contacts can handle: peak currents $\hat{I}$ up to 10 kA
surge currents I_S up to 40 kA

Customer-specific capacitances or voltages on request

* General guide

Part number completion:

Tolerance: 20 % = M

10 % = K

5 % = J

Packing: bulk = S

Connection: male = 0M

female = 0F

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Continuation

General Data

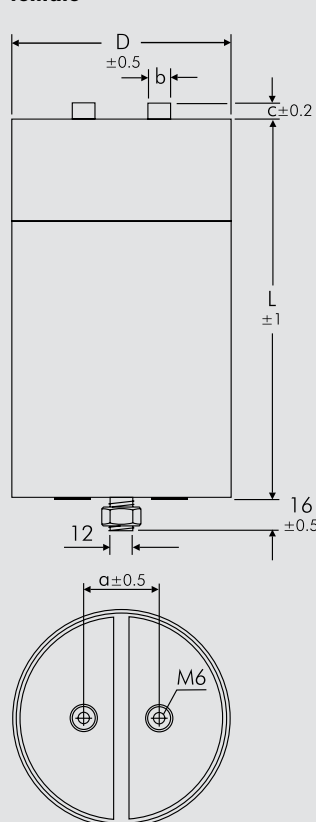
U_R	C_N	D x L mm	I_{rms} (max.)* A	ESR (1 kHz)* m Ω	L_e nH	Approx. weight g	Part number
1500 VDC	150 μ F	85 x 110	50	1.3	< 50	690	DCHPS06150EF00_
	220 "	85 x 140	50	1.3	< 50	880	DCHPS06220EG00_
	240 "	85 x 155	50	1.2	< 50	980	DCHPS06240EH00_
	290 "	85 x 185	60	1.2	< 50	1165	DCHPS06290EI00_
	360 "	85 x 210	60	1.2	< 50	1400	DCHPS06360E200_
	390 "	85 x 235	60	1.1	< 50	1480	DCHPS06390EJ00_
	450 "	85 x 252	60	1.1	< 50	1590	DCHPS06450EK00_
	480 "	85 x 260	60	1.1	< 50	1640	DCHPS06480EL00_
	585 "	85 x 345	80	1.0	< 50	2190	DCHPS06585EM00_
	300 "	116 x 110	80	1.5	< 50	1385	DCHPS06300EO00_
	430 "	116 x 140	80	1.4	< 50	1765	DCHPS06430ER00_
	490 "	116 x 158	80	1.4	< 50	1990	DCHPS06490ES00_
	580 "	116 x 185	80	1.4	< 50	2330	DCHPS06580ET00_
	710 "	116 x 215	90	1.3	< 50	2710	DCHPS06710EU00_
	780 "	116 x 230	90	1.2	< 50	2900	DCHPS06780E700_
	890 "	116 x 255	90	1.2	< 50	3210	DCHPS06890EV00_
	960 "	116 x 295	90	1.1	< 50	3720	DCHPS06960EW00_
	1170 "	116 x 342	110	0.8	< 50	4350	DCHPS07117EX00_

Contacts can handle: peak currents $\hat{I}$ up to 10 kA
surge currents I_S up to 40 kA

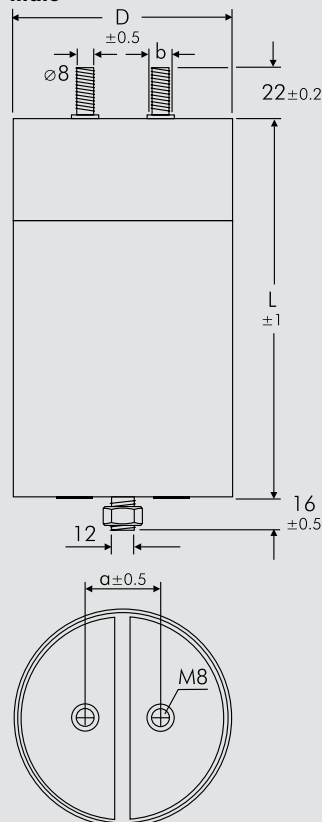
Customer-specific capacitances or voltages on request

* General guide

female



male



Part number completion:

Tolerance: 20 % = M

10 % = K

5 % = J

Packing: bulk = S

Connection: male = OM

female = OF

D	L	a	b	c
85	110	32	12	6
85	140	32	12	6
85	155	32	12	6
85	185	32	12	6
85	210	32	12	6
85	235	32	12	6
85	252	32	12	6
85	260	32	12	6
85	345	32	12	6
116	110	50	14	5
116	140	50	14	5
116	158	50	14	5
116	185	50	14	5
116	215	50	14	5
116	230	50	14	5
116	255	50	14	5
116	295	50	14	5
116	342	50	14	5

Dims. in mm.

Rights reserved to amend design data without prior notification.

WIMA Part Number System

A WIMA part number consists of 18 digits and is composed as follows:

Field 1 - 4: Type description
 Field 5 - 6: Rated voltage
 Field 7 - 10: Capacitance
 Field 11 - 12: Size and PCM
 Field 13 - 14: Version code (e.g. Snubber versions)
 Field 15: Capacitance tolerance
 Field 16: Packing
 Field 17 - 18: Pin length (untaped)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
M	K	S	2	C	0	2	1	0	0	1	A	0	0	M	S	S	D
MKS 2				63 VDC		0.01 μF				2.5x6.5x7.2		-		20%	bulk	6 -2	
Type description:				Rated voltage:		Capacitance:				Size:				Tolerance:			
SMD-PET = SMDT				50 VDC = B0		22 pF = 0022				4.8x3.3x3 Size 1812 = KA				±20% = M			
SMD-PEN = SMDN				63 VDC = C0		47 pF = 0047				4.8x3.3x4 Size 1812 = KB				±10% = K			
SMD-PPS = SMDI				100 VDC = D0		100 pF = 0100				5.7x5.1x3.5 Size 2220 = QA				±5% = J			
FKP 02 = FKPO				250 VDC = F0		150 pF = 0150				5.7x5.1x4.5 Size 2220 = QB				±2.5% = H			
MKS 02 = MKS0				400 VDC = G0		220 pF = 0220				7.2x6.1x3 Size 2824 = TA				±1% = E			
FKS 2 = FKS2				450 VDC = H0		330 pF = 0330				7.2x6.1x5 Size 2824 = TB				...			
FKP 2 = FKP2				600 VDC = I0		470 pF = 0470				10.2x7.6x5 Size 4030 = VA							
MKS 2 = MKS2				630 VDC = J0		680 pF = 0680				12.7x10.2x6 Size 5040 = XA							
MKP 2 = MKP2				700 VDC = K0		1000 pF = 1100				15.3x13.7x7 Size 6054 = YA							
FKS 3 = FKS3				800 VDC = L0		1500 pF = 1150				2.5x7x4.6 PCM 2.5 = 0B				Packing:			
FKP 3 = FKP3				850 VDC = M0		2200 pF = 1220				3x7.5x4.6 PCM 2.5 = 0C				AMMO H16.5 340x340 = A			
MKS 4 = MKS4				900 VDC = N0		3300 pF = 1330				2.5x6.5x7.2 PCM 5 = 1A				AMMO H16.5 490x370 = B			
MKP 4 = MKP4				1000 VDC = O1		4700 pF = 1470				3x7.5x7.2 PCM 5 = 1B				AMMO H18.5 340x340 = C			
MKP 10 = MKP1				1100 VDC = P0		6800 pF = 1680				2.5x7x10 PCM 7.5 = 2A				AMMO H18.5 490x370 = D			
FKP 4 = FKP4				1200 VDC = Q0		0.01 μF = 2100				3x8.5x10 PCM 7.5 = 2B				REEL H16.5 360 = F			
FKP 1 = FKP1				1250 VDC = R0		0.022 μF = 2220				3x9x13 PCM 10 = 3A				REEL H16.5 500 = H			
MKP-X2 = MKX2				1500 VDC = S0		0.047 μF = 2470				4x9x13 PCM 10 = 3C				REEL H18.5 360 = I			
MKP-X2 R = MKXR				1600 VDC = T0		0.1 μF = 3100				5x11x18 PCM 15 = 4B				REEL H18.5 500 = J			
MKP-X1 R = MKX1				2000 VDC = U0		0.22 μF = 3220				6x12.5x18 PCM 15 = 4C				ROLL H16.5 = N			
MKP-Y2 = MKY2				2500 VDC = V0		0.47 μF = 3470				5x14x26.5 PCM 22.5 = 5A				ROLL H18.5 = O			
MP 3-X2 = MPX2				3000 VDC = W0		1 μF = 4100				6x15x26.5 PCM 22.5 = 5B				BLISTER W12 180 = P			
MP 3-X1 = MPX1				4000 VDC = X0		2.2 μF = 4220				9x19x31.5 PCM 27.5 = 6A				BLISTER W12 330 = Q			
MP 3-Y2 = MPY2				6000 VDC = Y0		4.7 μF = 4470				11x21x31.5 PCM 27.5 = 6B				BLISTER W16 330 = R			
MP 3R-Y2 = MPRY				250 VAC = 0W		10 μF = 5100				9x19x41.5 PCM 37.5 = 7A				BLISTER W24 330 = T			
Snubber MKP = SNMP				275 VAC = 1W		22 μF = 5220				11x22x41.5 PCM 37.5 = 7B				Bulk/TPS Standard = S			
Snubber FKP = SNFP				300 VAC = 2W		47 μF = 5470				19x31x56 PCM 48.5 = 8D				...			
GTO MKP = GTOM				305 VAC = AW		100 μF = 6100				35x50x57 PCM 52.5 = 9F							
DC-LINK MKP 3 = DCP3				400 VAC = 3W		220 μF = 6220				...							
DC-LINK MKP 4 = DCP4				440 VAC = 4W		1000 μF = 7100											
DC-LINK MKP 4S = DCP5				500 VAC = 5W		1500 μF = 7150											
DC-LINK MKP 5 = DCP5				...		...											
DC-LINK MKP 6 = DCP6																	
DC-LINK HC = DCHC																	