ADVANCE COMPONENTS
AND INSTRUMENTS PVT. LTD.
Mfrs. of PLASTIC FILM CAPACITORS & EMI NOISE FILTERS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA
Phone : +91 821 2402307, 2402301
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com
An ISO 9001 & ISO 13485 Company
GSTIN : 29AABCA1720D1ZA

CC-1 Conduction Cooled Capacitors

CC-1 series Conduction Cooled Capacitors are high current, high power resonant capacitors with Copper blocks as the terminals.

Specifications:

Capacitance	: 0.025µF to 5µF
Rated Voltage	: up to 1000Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: up to 1200 Arms
Working frequency	: up to 1414kHz
Max Power Rating	: up to 600KVAR
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-300-AN Series Conduction Cooled capacitors

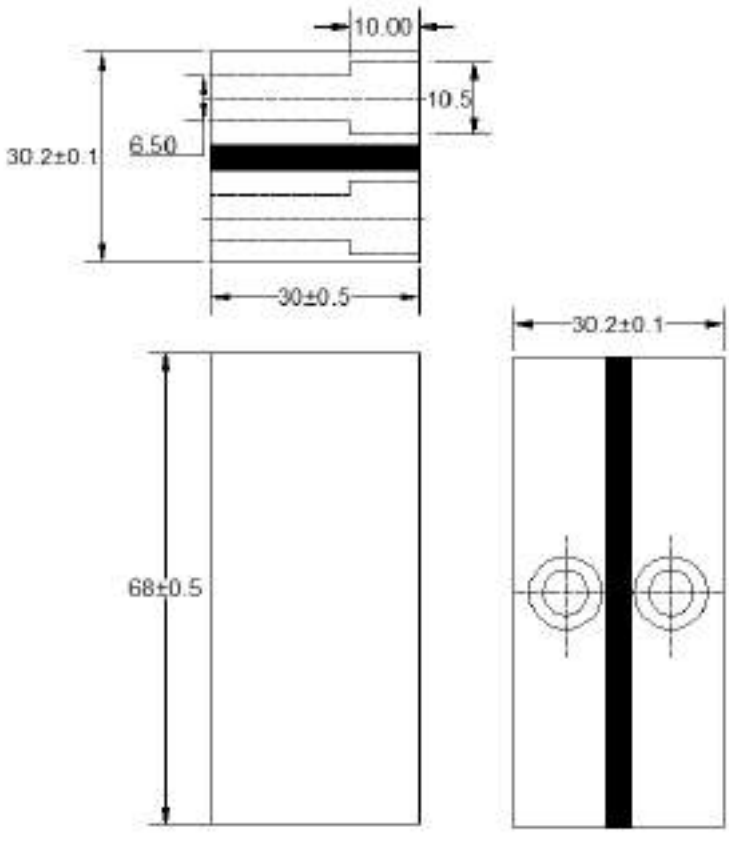
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 478 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.1	10	1000	300	300	478
0.17	10	1000	300	300	281
0.33	10	800	400	300	256
0.5	10	800	400	300	170
0.66	10	700	450	300	163
1.33	10	600	500	300	99
2.40	10	500	600	300	79

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-200-AN / AT Series Conduction Cooled capacitors

Specifications

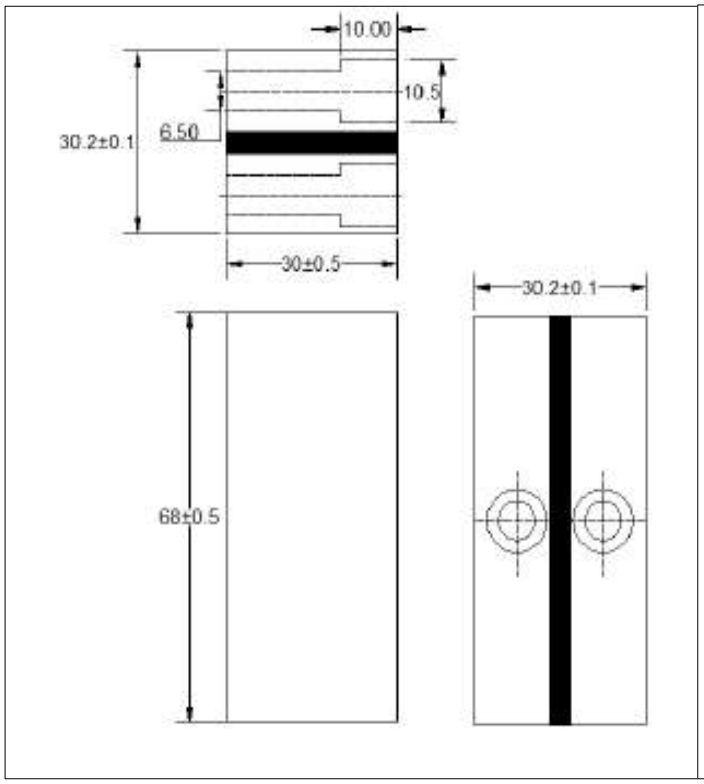
- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 994 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.05	10	1000	250	200	994
0.1	10	1000	250	200	498
0.17	10	900	300	200	422
0.25	10	800	300	200	286
0.33	10	800	300	200	216
0.50	10	800	350	200	194
0.66	10	700	400	200	193
1.20	10	600	450	200	134
1.33	10	600	450	200	120
2.40	10	450	500	200	85

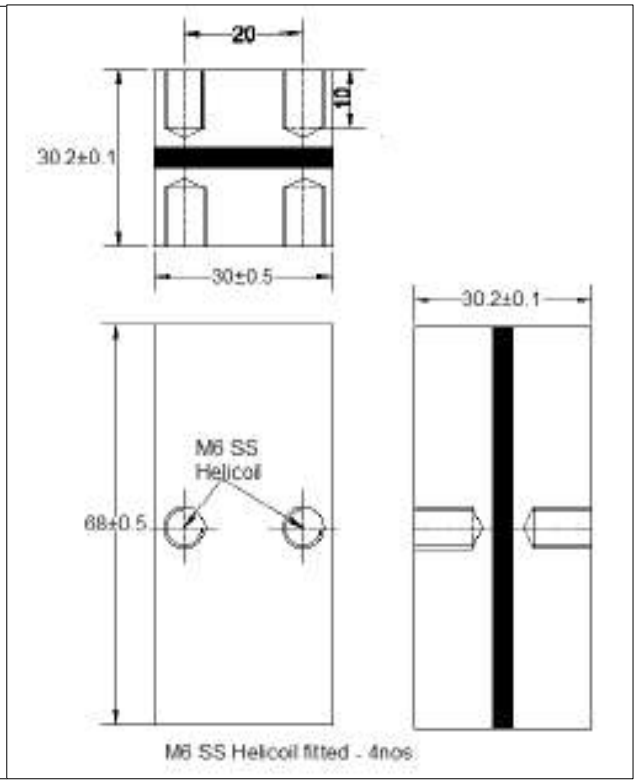
Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**

CC1-200-AN



CC1-200-AT



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-150-AN / AT Series Conduction Cooled capacitors

Specifications

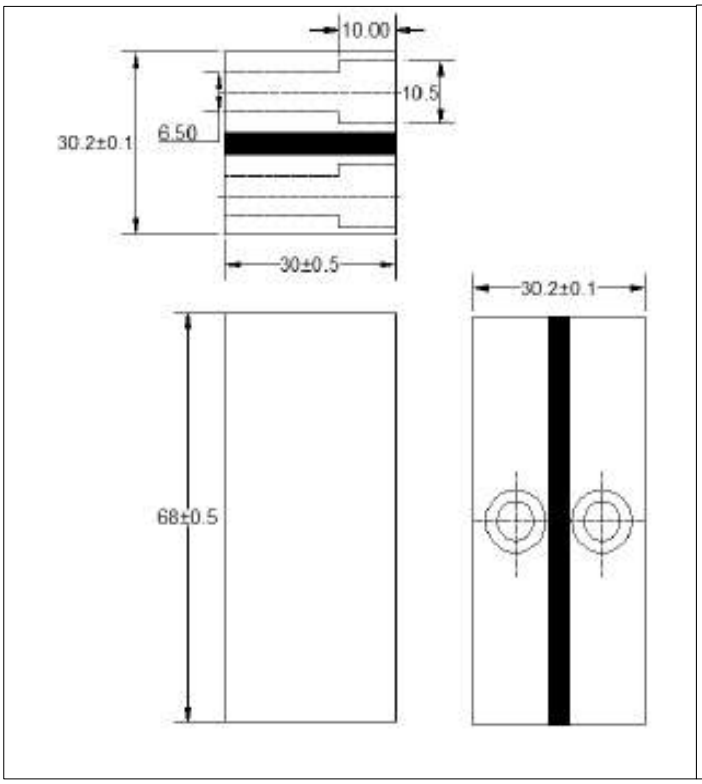
- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 700 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.05	10	1000	200	150	700
0.10	10	1000	200	150	423
0.17	10	700	250	150	389
0.25	10	700	250	150	265
0.33	10	700	250	150	200
0.50	10	700	250	150	132
0.66	10	600	300	150	145
1.20	10	500	300	150	80
1.33	10	500	300	150	72
2.40	10	400	400	150	75

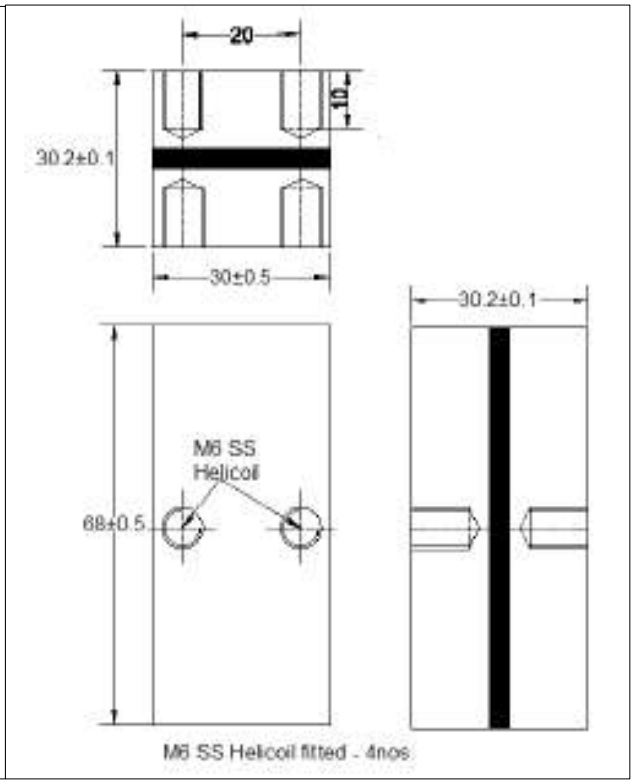
Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**

CC1-150-AN



CC1-150-AT



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-600-B Series Conduction Cooled capacitors

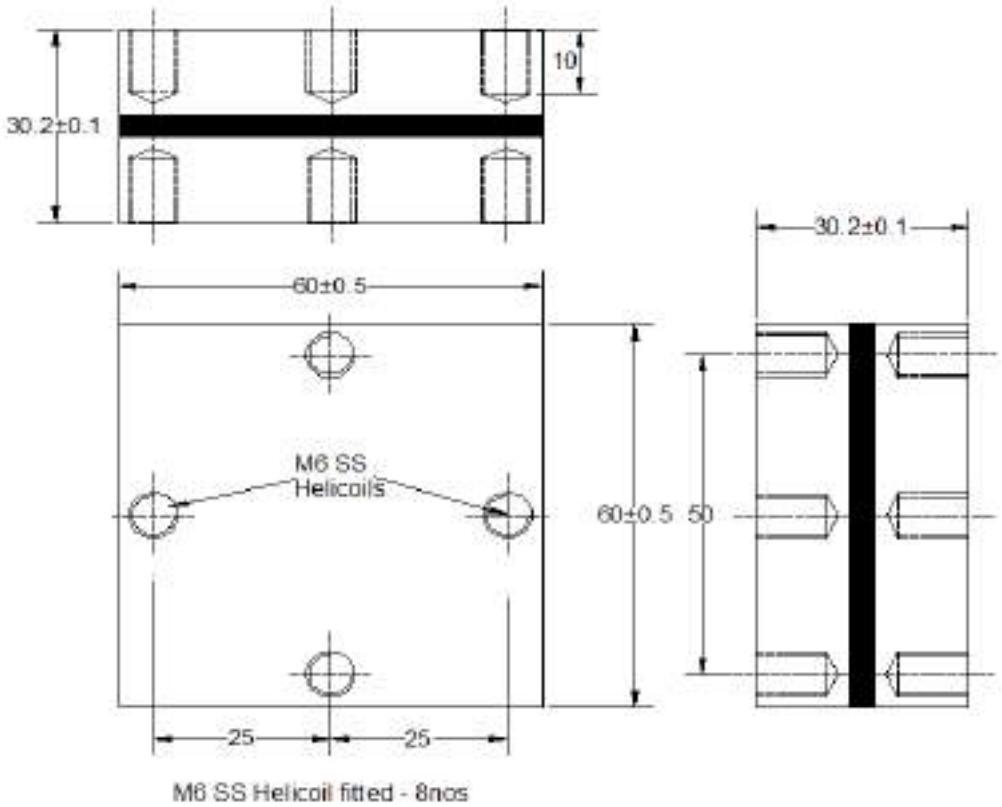
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 290 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.33	10	1000	600	600	290
0.50	10	800	750	600	299
0.66	10	800	750	600	226
1.33	10	700	950	600	179
2.60	10	600	1050	600	112
5.00	10	500	1200	600	76

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



M6 SS Helicoil fitted - 8nos

ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-300-C Series Conduction Cooled capacitors

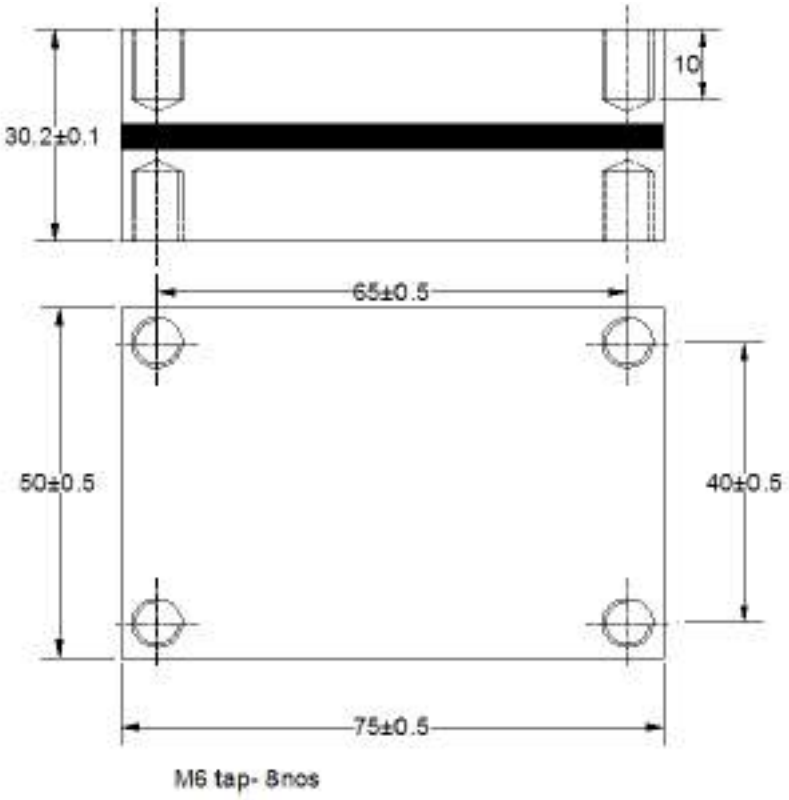
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 649 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.10	10	1000	350	300	649
0.20	10	1000	400	300	423
0.33	10	700	500	300	401
0.66	10	700	500	300	200
1.00	10	600	650	300	223
1.32	10	600	650	300	170
2.60	10	500	650	300	85
5.00	10	400	800	300	67

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-400-B Series Conduction Cooled capacitors

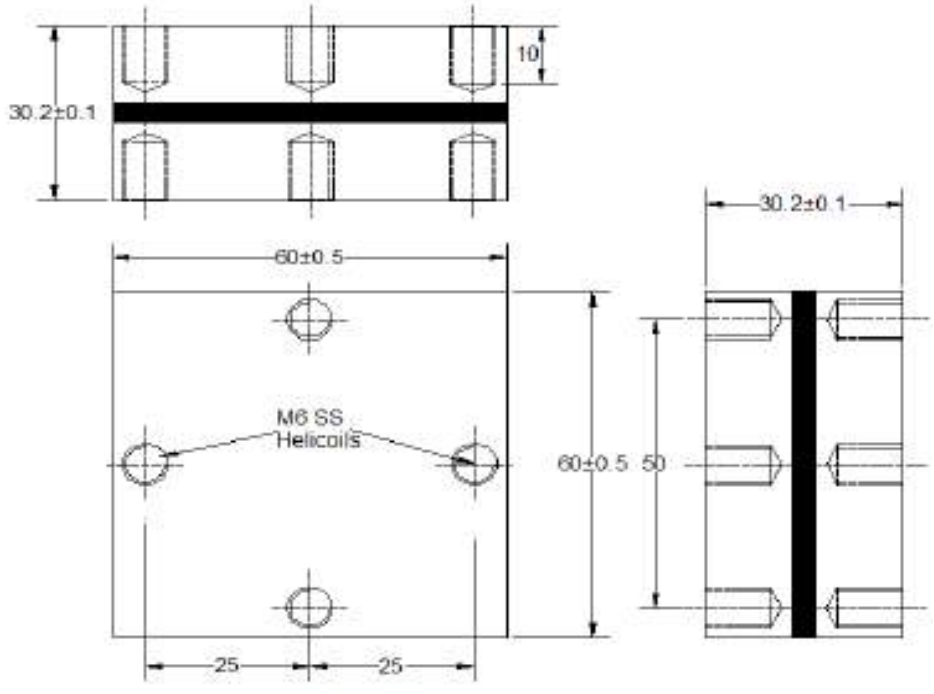
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 649 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.33	10	1000	600	400	433
0.66	10	1000	600	400	216
1.20	10	900	850	400	215
1.32	10	900	850	400	215
2.60	10	700	950	400	138
5.00	10	500	1000	400	80

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



M6 SS Helicoil fitted - 8nos

ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-300-B Series Conduction Cooled capacitors

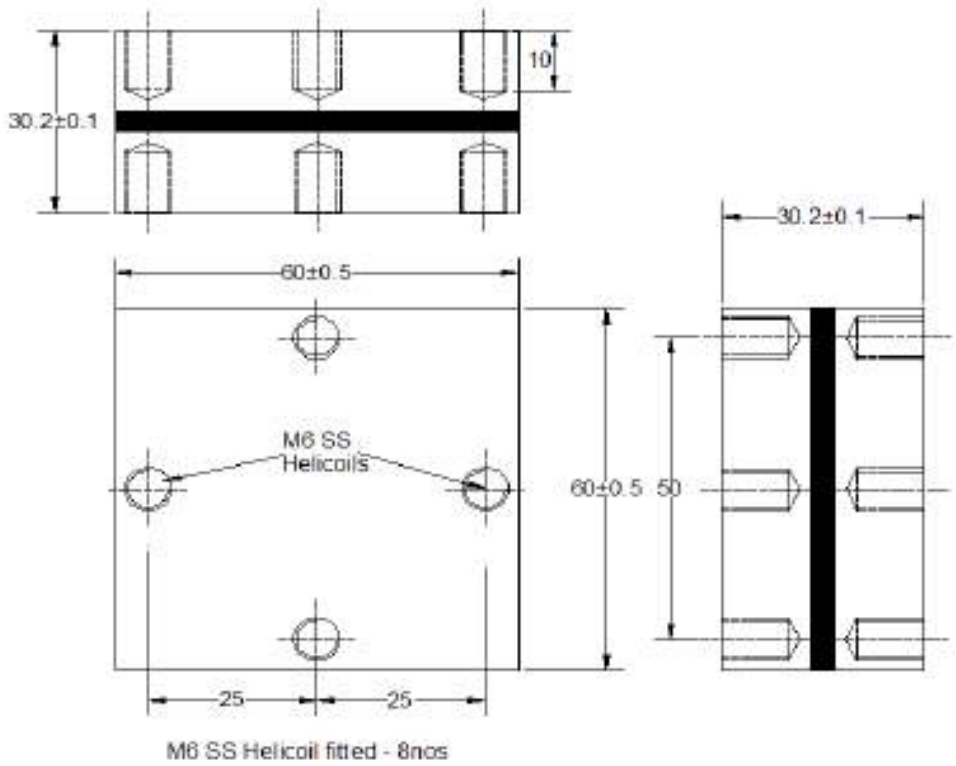
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 649 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.10	10	1000	350	300	649
0.20	10	1000	400	300	423
0.25	10	700	500	300	530
0.33	10	700	500	300	401
0.66	10	700	500	300	200
1.00	10	600	650	300	223
1.20	10	600	650	300	187
1.32	10	600	650	300	170
2.40	10	500	650	300	97
2.60	10	500	650	300	85
5.00	10	400	800	300	67

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-180-C Series Conduction Cooled capacitors

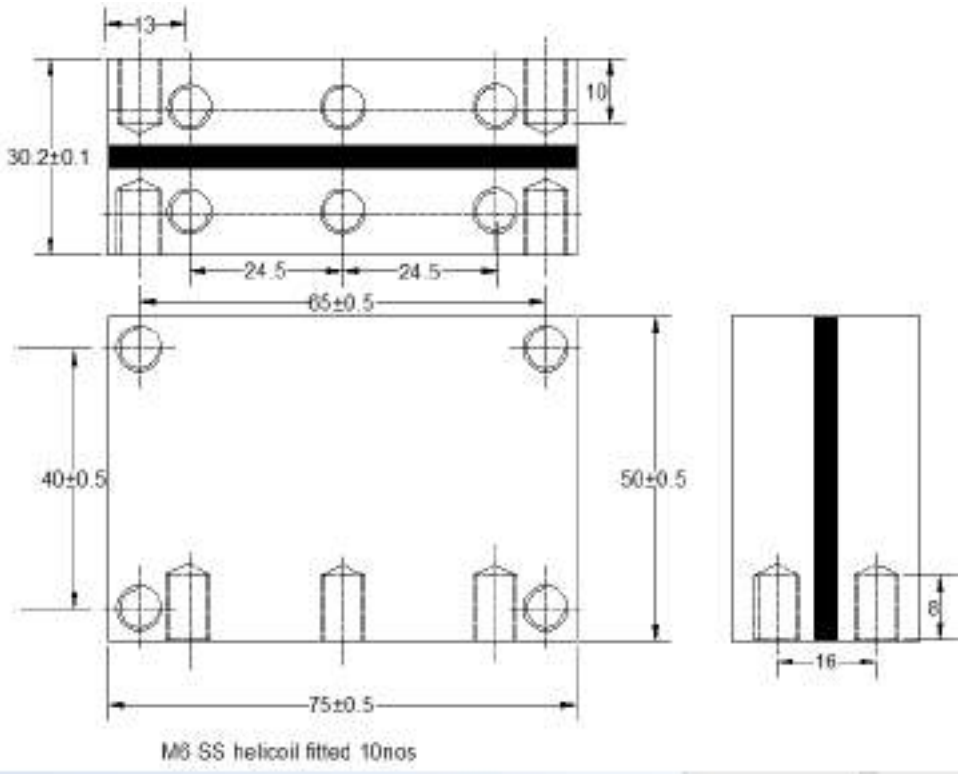
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 601 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.18	10	700	350	180	601
0.24	10	700	400	180	549
0.33	10	700	350	180	279
0.66	10	700	450	180	270
1.20	10	600	500	180	183
2.40	10	500	500	180	91
5.00	10	400	600	180	63

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

CC1-200-D Series Conduction Cooled capacitors

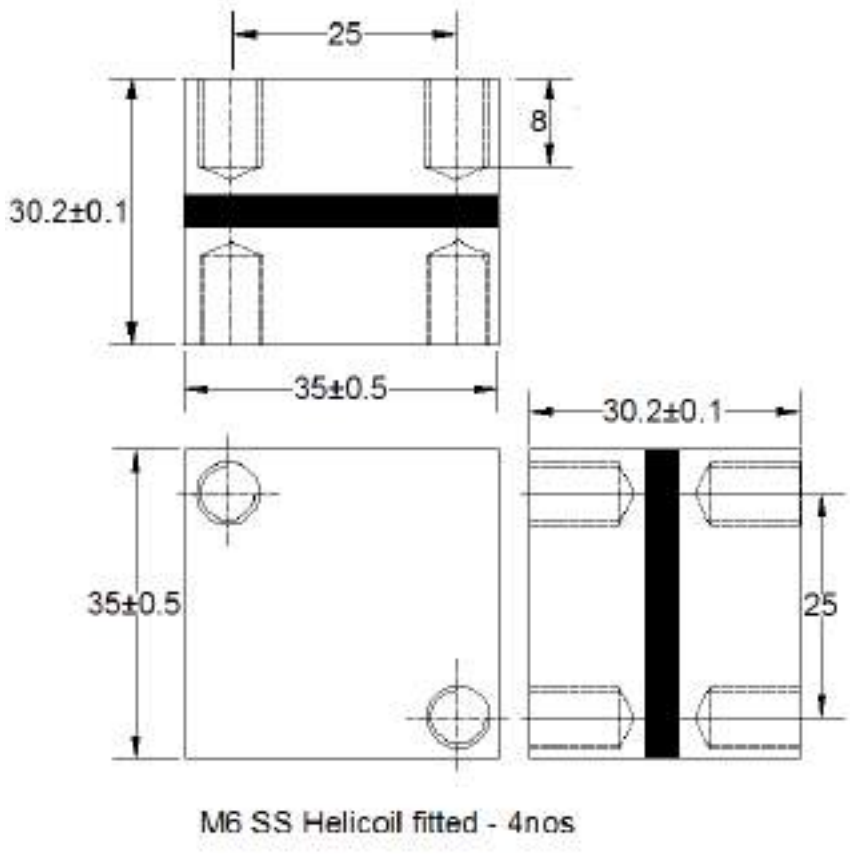
Specifications

- Polypropylene Dielectric
- Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 1414 kHz
- Suitable for High Frequencies
- Flame Retardant UL94V0, RoHS compliant
- High Current

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.025	10	1100	200	180	1414
0.050	10	1000	200	180	706
0.085	10	1000	200	200	374
0.100	10	900	250	200	501
0.170	10	900	250	200	294
0.250	10	800	270	200	231
0.330	10	700	300	200	217
0.660	10	600	350	200	148
1.200	10	500	400	200	106

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



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advcaps@gmail.com
Website : www.advance-capacitors.com
An ISO 9001 & ISO 13485 Company
GSTIN : 29AABCA1720D1ZA

AC-1 Conduction Cooled Capacitors

AC-1 series Conduction Cooled Capacitors are high current, high power resonant capacitors with Aluminum blocks as the terminals.

Specifications:

Capacitance	: 0.05µF to 2.4µF
Rated Voltage	: up to 1000Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: up to 600 Arms
Working frequency	: up to 994kHz
Max Power Rating	: up to 300KVAR
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

AC1-300-A Series Conduction Cooled capacitors

Specifications

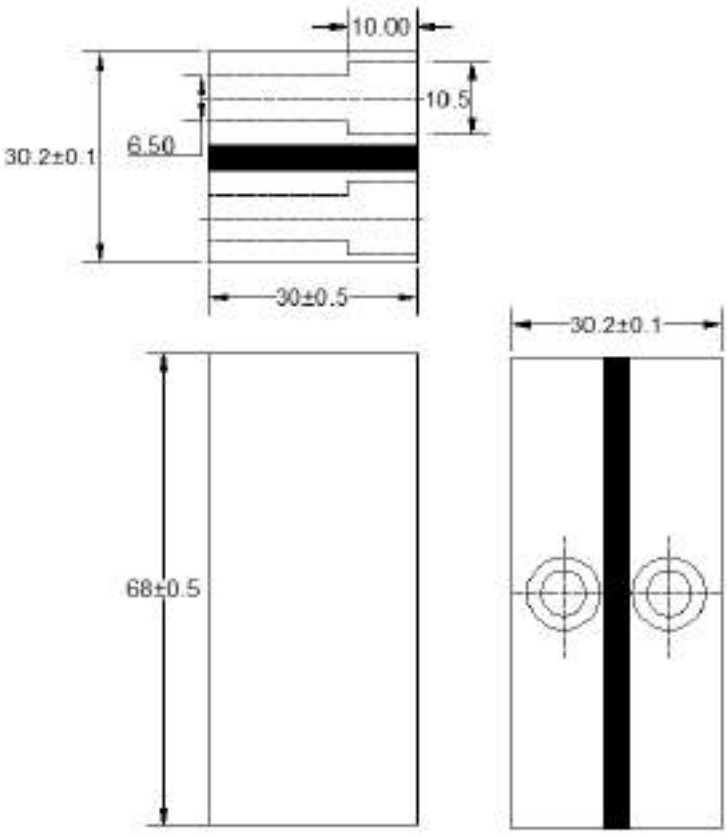
- Polypropylene Dielectric
- Aluminium Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 478 kHz
- Suitable for Intermediate Duty cycle
- Flame Retardant UL94V0, RoHS compliant

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.10	10	1000	300	300	478
0.17	10	1000	300	300	281
0.33	10	800	400	300	256
0.50	10	800	400	300	170
0.66	10	700	450	300	163
1.33	10	600	500	300	99
2.40	10	500	600	300	79

Capacitors designed for only intermittent duty cycle (30 Sec ON , 60 Sec OFF)

Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

AC1-200-AN / AT Series Conduction Cooled capacitors

Specifications

- Polypropylene Dielectric
- Aluminium Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 994 kHz
- Suitable for Intermediate Duty cycle
- Flame Retardant UL94V0, RoHS compliant

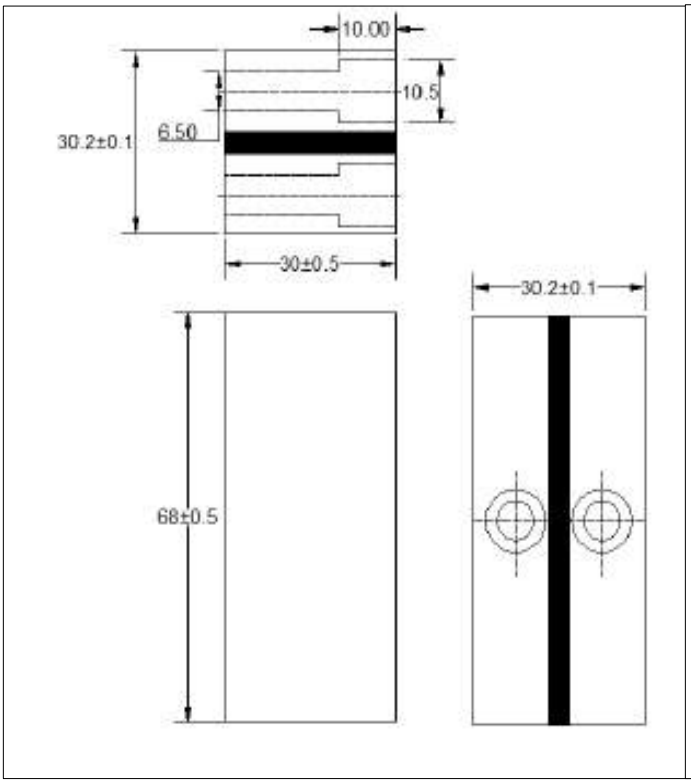
Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.05	10	1000	250	200	994
0.1	10	1000	250	200	498
0.17	10	900	300	200	422
0.25	10	800	300	200	286
0.33	10	800	300	200	216
0.50	10	800	350	200	194
0.66	10	700	400	200	193
1.20	10	600	450	200	134
1.33	10	600	450	200	120
2.40	10	450	500	200	85

Capacitors designed for only intermittent duty cycle (30 Sec ON , 60 Sec OFF)

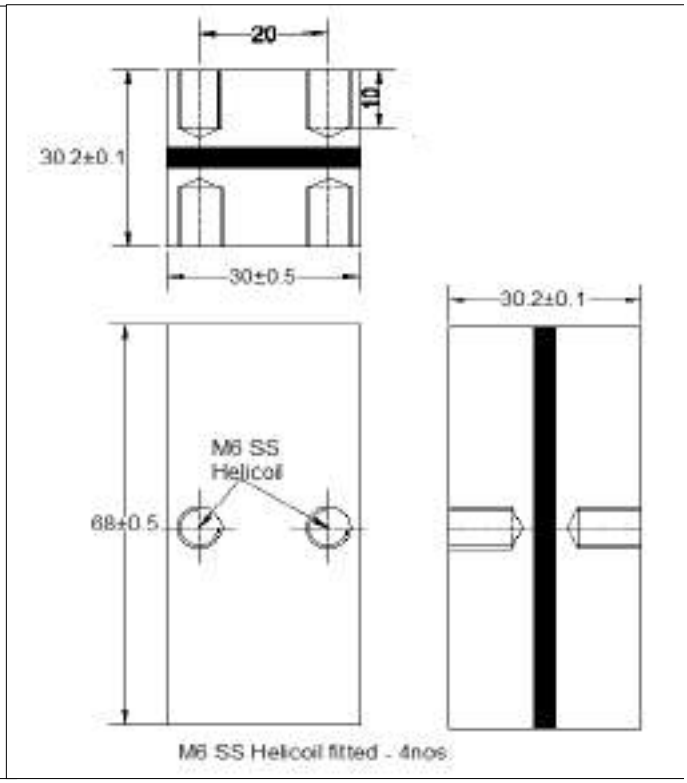
Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**

AC1-200-AN



AC1-200-AT



ADVANCE COMPONENTS & INSTRUMENTS PVT. LTD., MYSORE

AC1-150-AN / AT Series Conduction Cooled capacitors

Specifications

- Polypropylene Dielectric
- Aluminium Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 700 kHz
- Suitable for Intermediate Duty cycle
- Flame Retardant UL94V0, RoHS compliant

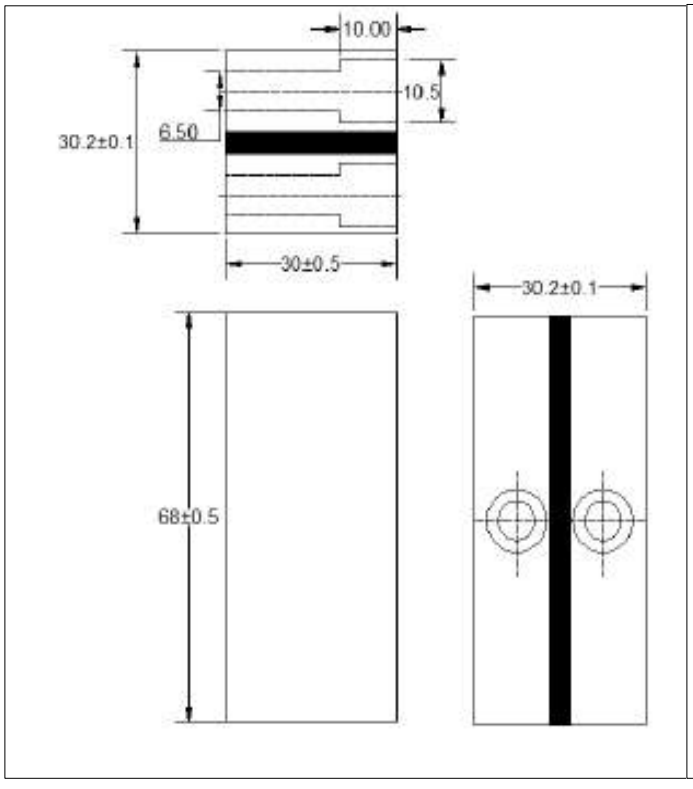
Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency
µF @ 1kHz	%	Vrms	Irms	kvar	kHz
0.05	10	1000	200	150	700
0.10	10	1000	200	150	423
0.17	10	700	250	150	389
0.25	10	700	250	150	265
0.33	10	700	250	150	200
0.50	10	700	250	150	132
0.66	10	600	300	150	145
1.20	10	500	300	150	80
1.33	10	500	300	150	72
2.40	10	400	400	150	75

Capacitors designed for only intermittent duty cycle (30 Sec ON , 60 Sec OFF)

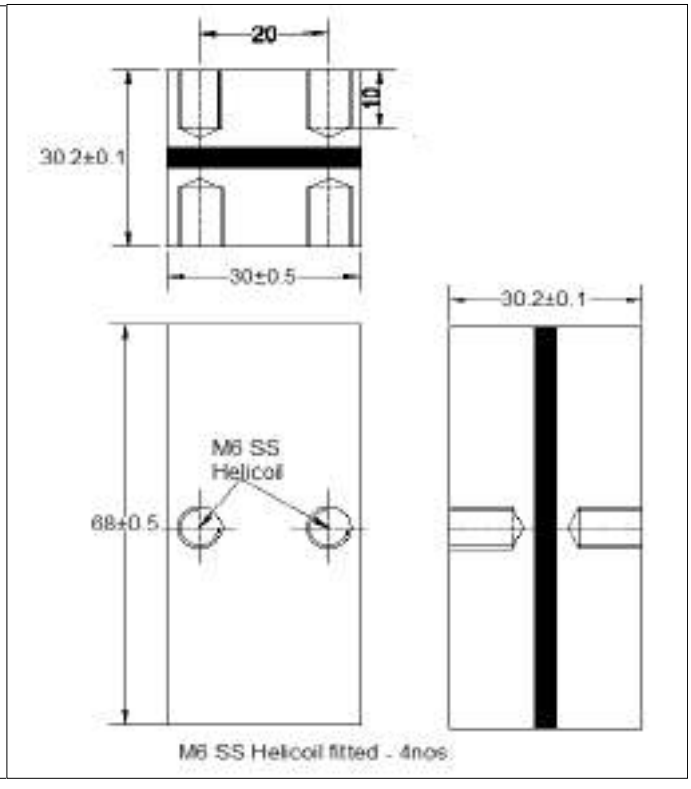
Note: Other capacitance & current rating , custom made capacitors available on request

Drawing **All Dimensions are in mm , unspecified tolerances ±0.5mm** **Not to scale**

AC1-150-AN



AC1-150-AT



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E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com
GSTIN : 29AABCA1720D1ZA

CC2 Series Water & Conduction Cooled capacitors

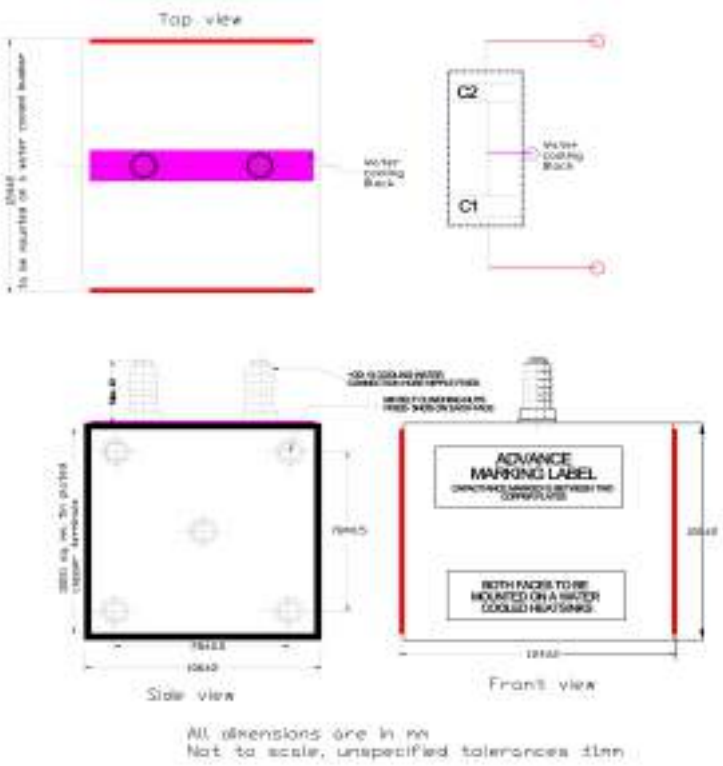
Specifications

- Polypropylene Dielectric
- Water + Conduction Cooled
- Self- Healing
- Non Polar
- Working frequency upto 40 kHz
- Flame Retardant UL94V0, RoHS compliant

Capacitance	Tolerance	Rated Voltage	Max. Current	Max. Power	Max. Working Frequency	W±2	L±2	H±2
µF @ 1kHz	%	Vrms	Irms	kvar	kHz	mm	mm	mm
2.50	10	1000	1100	1000	40	106	124	108
5.00	10	1000	1100	1000	39	106	124	108
10.00	10	800	1250	1000	25	106	124	108
15.00	10	700	1450	1000	22	106	124	108
20.00	10	600	1700	1000	22	106	124	108
23.00	10	1200	1700	1000	6 -10	106	124	108

Note: Other capacitance & current rating , custom made capacitors available on request

Dimensional Drawing :



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advcaps@gmail.com
Website : www.advance-capacitors.com
An ISO 9001 & ISO 13485 Company
GSTIN : 29AABCA1720D1ZA

CC-3 Conduction Cooled Capacitors

CC-3 series conduction cooled capacitors are available in Fibre Glass tubes end filled with epoxy resin and copper flange terminals

Specifications:

Specifications:

Capacitance	: 3µF to 65µF
Tolerance	: ±10%
Rated Voltage	: upto 1200Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: upto 1200 Arms
Max. power rating	: 1000KVAR
Working frequency	: upto 60kHz
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

Marking

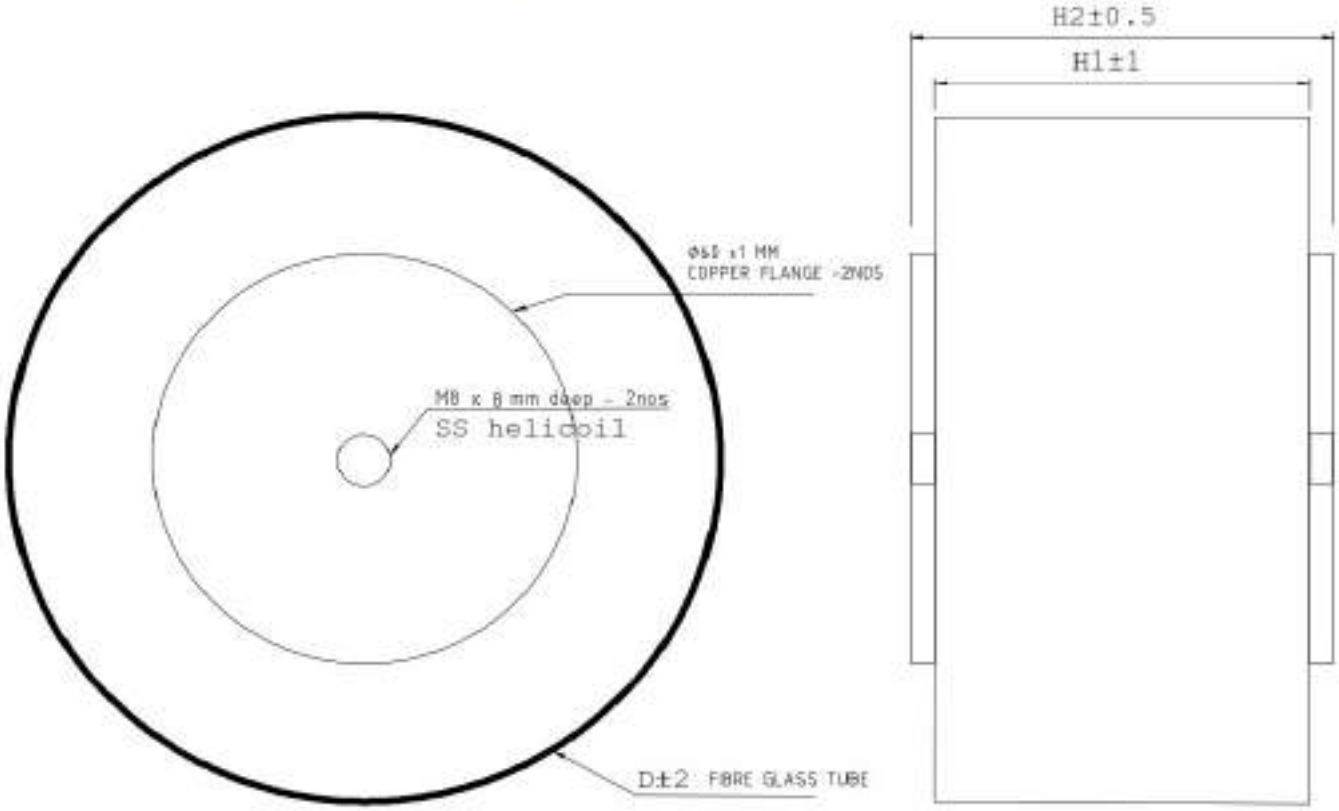
ADVANCEValue , ToleranceVoltage ,
CurrentPart Code
Mysore – India
DISCHARGE BEFORE HANDLING

ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
Mfrs. of PLASTIC FILM CAPACITORS & EMI NOISE FILTERS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA

Phone : +91 821 2402307, 2402301
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com

An ISO 9001 & ISO 13485 Company
GSTIN : 29AABCA1720D1ZA

DRG A



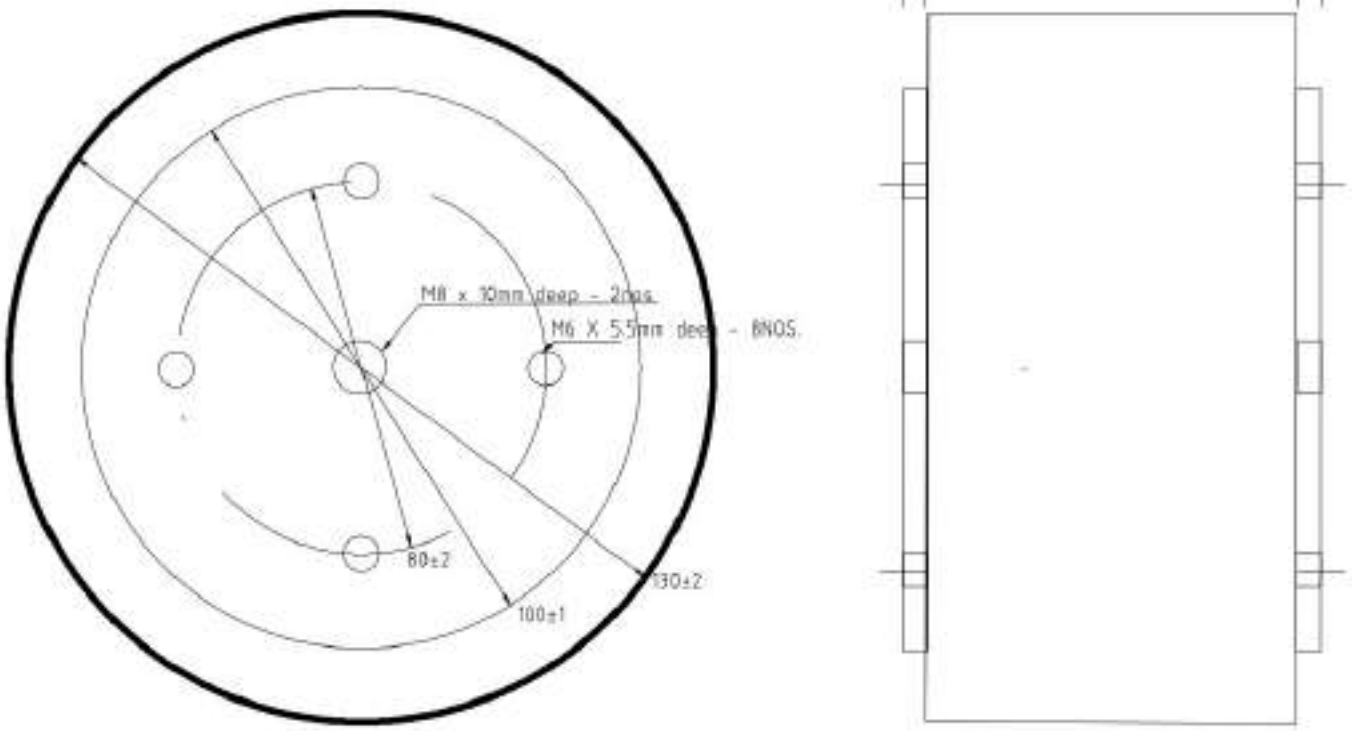
Dimensional Drawing: All Dimensions are in mm , Not to scale

ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
Mfrs. of PLASTIC FILM CAPACITORS & EMI NOISE FILTERS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA

Phone : +91 821 2402307, 2402301
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com

An ISO 9001 & ISO 13485 Company
GSTIN : 29AABCA1720D1ZA

DRG B



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Standard Capacitor Range

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm			
µF @ 1kHz	%	Vrms	Irms	kvar	kHz	D ±2	H1±1	H2±0.5	REFER DRG.
8.5	±10	900	1000	900	21	98	52	61.5	A
3.0		1200	700	800	31	90	52	61.5	A
19.0		600	1200	700	16.5	107	52	61.5	A
14.0		700	1000		16	107	52	61.5	A
10.0		700	1000		23	90	52	61.5	A
5.0		700	1000		46	90	52	61.5	A
60.0		500	1200	600	7	130	66	77	B
3.0		750	850		60	80	52	61.5	A
4.0		900	700		30	98	52	61.5	A
65.0		400	1200	500	7	130	66	77	B
45.0		500	1000		7	107	66	77	A
37.0		500	1000		7	102	66	77	A
25.0		500	1000		13	107	52	61.5	A
21.0		500	1000		15.5	102	52	61.5	A
40.0		700	600	400	3.3	130	66	77	B
30.0		700	600		4.5	107	66	77	A
22.0		400	1000		18.5	102	52	61.5	A

NOTE: Any in between Capacitance values required for same dimensional drawing will be done as per customer requirements.

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GSTIN : 29AABCA1720D1ZA

CC-5 Conduction Cooled Capacitors

CC-5 Series conduction cooled capacitors have direct mounting option with flat rectangular electroplated copper plates.

Specifications:

Specifications:

Capacitance	: 0.1µF to 85µF
Tolerance	: ±10%
Rated Voltage	: upto 1000Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: upto 1400 Arms
Max Power rating	: upto 700KVAR
Working frequency	: upto 650kHz
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

Marking

ADVANCEValue , ToleranceVoltage ,
Current KVAR Part Code
Mysore – India
DISCHARGE BEFORE HANDLING

ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
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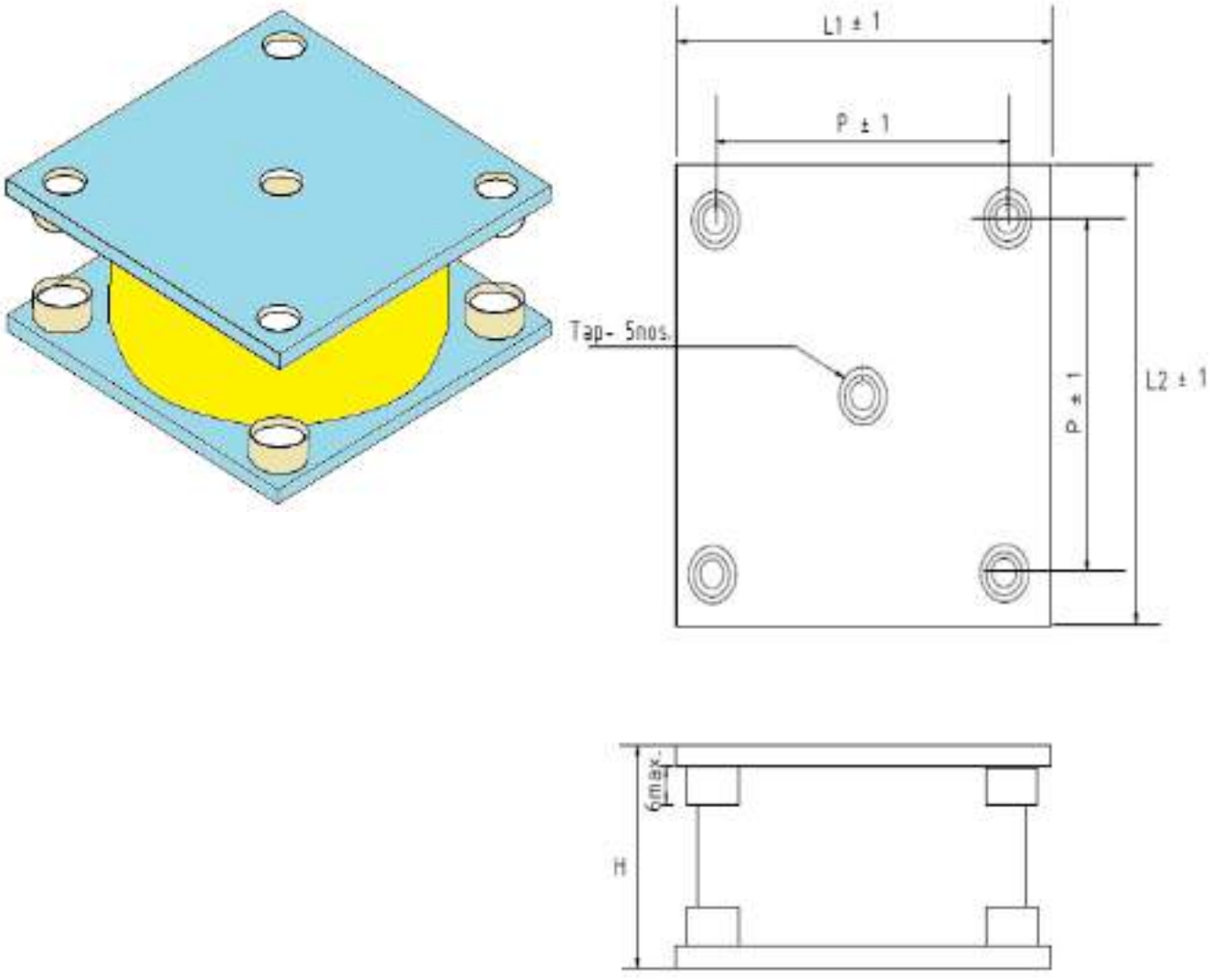
Dimensional Drawing: All Dimensions are in mm , Not to scale



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GSTIN : 29AABCA1720D1ZA

CC-5-A-200

Standard Capacitor Power Range 200kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±0.5	P±1	Tap
0.33	±10	700	300	200	195 - 216	50	50	34	36	M6
0.66	±10	600	350		134.5 - 149	50	50	34	36	M6
1.20	±10	500	400		104 - 105	50	50	34	36	M6
1.50	±10	500	400		84 - 85	50	50	34	36	M6
2.60	±10	400	550		75 - 93	50	50	34	36	M6

CC-5-A-300

Standard Capacitor Power Range 300kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±1	L2 ±1	H±0.5	P±1	Tap
0.10	±10	1000	350	300	476 - 649	50	50	34	36	M6
0.20	±10	1000	400		237 - 423	50	50	34	36	M6
0.25	±10	700	500		389 - 530	50	50	34	36	M6
0.33	±10	700	500		294.5 - 401	50	50	34	36	M6
0.66	±10	700	500		146 - 200	50	50	34	36	M6
1.00	±10	600	650		131.5 - 223	50	50	34	36	M6
1.20	±10	600	650		111 - 187	50	50	34	36	M6
1.32	±10	600	650		99 - 170	50	50	34	36	M6
2.40	±10	500	650		79 - 97	50	50	34	36	M6

CC-5-B-300

Standard Capacitor Power Range 300kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±1	L2 ±1	H±0.5	P±1	Tap
0.25	±10	700	500	300	389 - 530	78	78	34	62	M8
0.33	±10	700	500		295 - 401	78	78	34	62	M8
0.66	±10	700	500		146.5 - 200	78	78	34	62	M8
1.00	±10	600	650		131 - 223	78	78	34	62	M8
1.20	±10	600	650		111 - 187	78	78	34	62	M8
1.32	±10	600	650		100 - 170	78	78	34	62	M8
2.40	±10	500	650		80 - 97	78	78	34	62	M8
2.60	±10	500	650		71.5 - 85	78	78	34	62	M8
5.00	±10	400	800		58 - 67	78	78	34	62	M8

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CC-5-B-400

Standard Capacitor Power Range 400kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±0.5	P±1	Tap
0.33	±10	1000	600	400	193.5 - 433	78	78	34	62	M8
0.66	±10	1000	600		94 - 216	78	78	34	62	M8
1.20	±10	900	850		65.5 - 239	78	78	34	62	M8
1.32	±10	900	850		57 - 215	78	78	34	62	M8
2.60	±10	700	950		50 - 138	78	78	34	62	M8
5.00	±10	500	1000		50 - 80	78	78	34	62	M8

CC-5-C-400

Standard Capacitor Power Range 400kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±0.5	P±1	Tap
6.50	±10	600	1000	400	26 – 62	100	100	54	78	M8
8.50	±10	600	1000		20 – 47	100	100	54	78	M8
10.00	±10	600	1000		18 – 40	100	100	54	78	M8
20.00	±10	500	1000		13 – 15	100	100	54	78	M8
40.00	±10	400	1000		10	100	100	54	78	M8

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GSTIN : 29AABCA1720D1ZA

CC-5-C-500

Standard Capacitor Power Range 500kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±0.5	P±1	Tap
1.20	±10	1100	600	500	55- 96	100	100	54	78	M8
1.40	±10	1100	600		46 - 83	100	100	54	78	M8
3.00	±10	750	800		47 – 68	100	100	54	78	M8
3.30	±10	750	800		43 – 62	100	100	54	78	M8
4.00	±10	900	700		25 – 39	100	100	54	78	M8
5.60	±10	700	1000		29 – 57	100	100	54	78	M8
6.30	±10	700	1000		26 - 51	100	100	54	78	M8
8.50	±10	700	1000		19 – 38	100	100	54	78	M8
10.00	±10	700	1000		16 – 32	100	100	54	78	M8
21.00	±10	500	1000		15	100	100	54	78	M8
27.00	±10	550	1000		10 – 15	100	100	54	78	M8
33.00	±10	500	1000		10	100	100	54	78	M8
37.00	±10	500	1000		9	100	100	54	78	M8

CC-5-C-600

Standard Capacitor Power Range 600kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±0.5	P±1	Tap
0.33	±10	1000	600	600	290	100	100	54	78	M8
0.50	±10	1000	700		191-261	100	100	54	78	M8
0.66	±10	1000	700		145 -197.5	100	100	54	78	M8
1.33	±10	900	950		89-180.5	100	100	54	78	M8
2.60	±10	700	1050		76-113	100	100	54	78	M8
5.00	±10	500	1200		76	100	100	54	78	M8

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CC-5-D-700

Standard Capacitor Power Range 700kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±1	L2 ±1	H±0.5	P±1	Tap
5.00	±10	1000	880	700	21.5 - 25	130	130	72	105	M8
9.00	±10	900	980		16 - 20	130	130	72	105	M8
12.00	±10	850	1000		12.6 - 19	130	130	72	105	M8
14.00	±10	850	1000		11 - 16.2	130	130	72	105	M8
19.00	±10	800	1000		9 - 12	130	130	72	105	M8
25.00	±10	700	1050		9 – 10	130	130	72	105	M8
27.00	±10	700	1100		8.4 – 10.2	130	130	72	105	M8
33.00	±10	600	1200		9.4 - 10	130	130	72	105	M8
46.00	±10	600	1200		9.4 - 10	130	130	72	105	M8
63.00	±10	500	1300		7	130	130	72	105	M8
80.00	±10	500	1100		5.6	130	130	72	105	M8
85.00	±10	500	1400		5.2	130	130	72	105	M8

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CM-5 Conduction Cooled Capacitors

CM-5 Series Conduction Cooled Capacitors are resin moulded with direct mounting option and uses flat square electroplated copper plates as terminals

Specifications:

Specifications:

Capacitance	: 0.1µF to 40µF
Tolerance	: ±10%
Rated Voltage	: upto 1000Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: upto 1200 Arms
Max Power rating	: upto 600KVAR
Working frequency	: upto 650kHz
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

Marking

ADVANCEValue , ToleranceVoltage ,
Current KVAR Part Code
Mysore – India
DISCHARGE BEFORE HANDLING

ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
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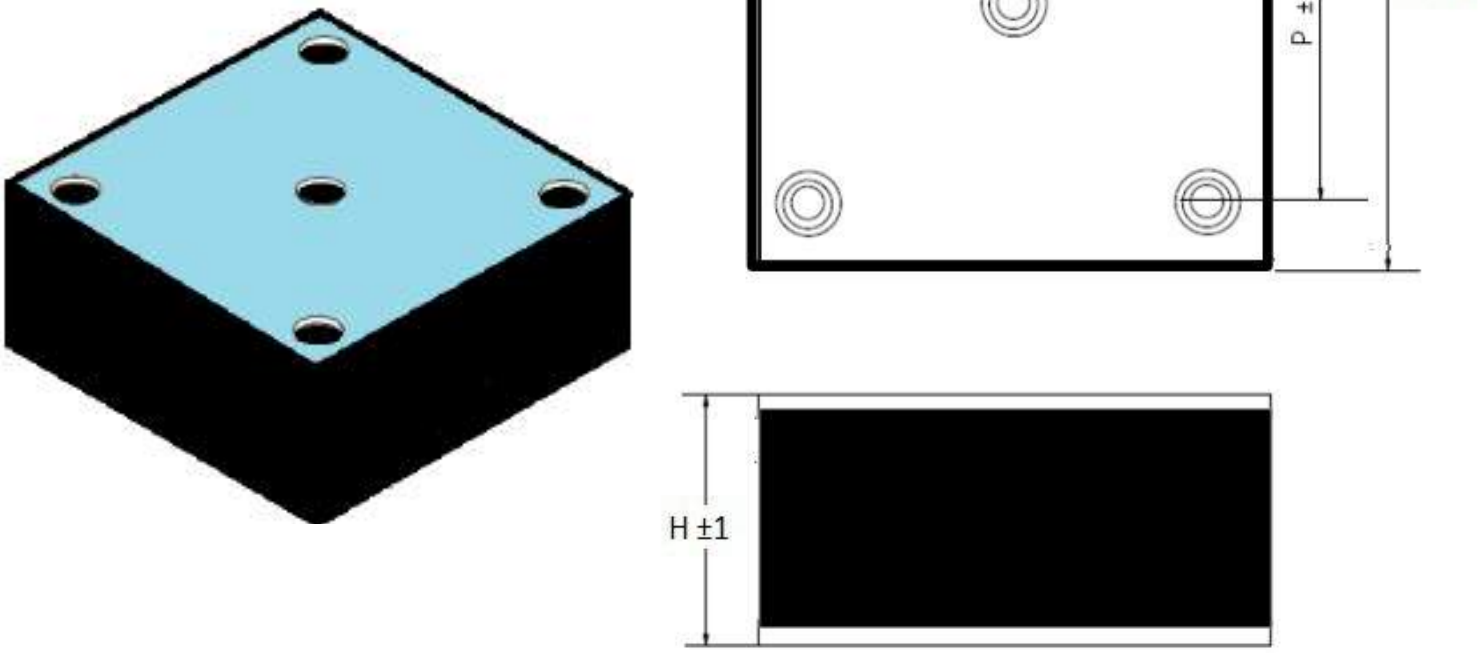
Dimensional Drawing: All Dimensions are in mm , Not to scale



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GSTIN : 29AABCA1720D1ZA

CM-5-A-200

Standard Capacitor Power Range 200kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
0.33	±10	700	300	200	195 - 216	50	50	34	36	M6
0.66	±10	600	350		134.5 - 149	50	50	34	36	M6
1.20	±10	500	400		104 - 105	50	50	34	36	M6
1.50	±10	500	400		84 - 85	50	50	34	36	M6
2.60	±10	400	550		75 - 93	50	50	34	36	M6

CM-5-A-300

Standard Capacitor Power Range 300kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
0.10	±10	1000	350	300	478 - 649	50	50	34	36	M6
0.20	±10	1000	400		237 - 423	50	50	34	36	M6
0.25	±10	700	500		389 - 530	50	50	34	36	M6
0.33	±10	700	500		294.5 - 401	50	50	34	36	M6
0.66	±10	700	600		146 - 200	50	50	34	36	M6
1.00	±10	600	650		131.5 - 223	50	50	34	36	M6
1.20	±10	600	650		111 - 187	50	50	34	36	M6
1.32	±10	600	650		99 - 170	50	50	34	36	M6
2.40	±10	500	650		79 - 97	50	50	34	36	M6

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CM-5-B-300

Standard Capacitor Power Range 300kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
0.25	±10	700	500	300	389 - 530	78	78	34	62	M8
0.33	±10	700	500		295 - 401	78	78	34	62	M8
0.66	±10	700	500		146.5 - 200	78	78	34	62	M8
1.00	±10	600	650		131 - 223	78	78	34	62	M8
1.20	±10	600	650		111 - 187	78	78	34	62	M8
1.32	±10	600	650		100 - 170	78	78	34	62	M8
2.40	±10	600	650		90 - 97	78	78	34	62	M8
2.60	±10	500	650		71.5 - 85	78	78	34	62	M8
5.00	±10	400	800		58 - 67	78	78	34	62	M8

CM-5-B-400

Standard Capacitor Power Range 400kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
0.33	±10	1000	600	400	193.6 - 433	78	78	34	62	M8
0.66	±10	1000	600		94 - 216	78	78	34	62	M8
1.20	±10	900	850		65.5 - 239	78	78	34	62	M8
1.32	±10	900	850		57 - 215	78	78	34	62	M8
2.60	±10	700	950		50 - 138	78	78	34	62	M8
5.00	±10	500	1000		50 - 80	78	78	34	62	M8

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CM-5-C-400

Standard Capacitor Power Range 400kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
6.50	±10	600	1000	400	26 – 62	100	100	54	78	M8
8.50	±10	600	1000		20 – 47	100	100	54	78	M8
10.00	±10	600	1000		18 – 40	100	100	54	78	M8
20.00	±10	500	1000		13 – 15	100	100	54	78	M8
40.00	±10	400	1000		10	100	100	54	78	M8

CM-5-C-500

Standard Capacitor Power Range 500kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
1.20	±10	1100	600	500	55- 96	100	100	54	78	M8
1.40	±10	1100	600		46 - 83	100	100	54	78	M8
3.00	±10	750	800		47 – 68	100	100	54	78	M8
3.30	±10	700	800		43 – 62	100	100	54	78	M8
4.00	±10	900	700		25 – 39	100	100	54	78	M8
5.00	±10	700	1000		29 – 57	100	100	54	78	M8
6.30	±10	700	1000		26 - 51	100	100	54	78	M8
8.50	±10	700	1000		19 – 38	100	100	54	78	M8
10.00	±10	700	1000		16 – 32	100	100	54	78	M8
21.00	±10	500	1000		15	100	100	54	78	M8

CM-5-C-600

Standard Capacitor Power Range 600kVAR

Capacitance	Tolerance	Rated RMS Voltage	Max. Current	Max. Power	Working Frequency	Dimensions in mm				Self Clinch Nuts Fixed
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 ±2	L2 ±2	H±1	P±1	Tap
0.33	±10	1000	600	600	290	100	100	54	78	M8
0.50	±10	1000	700		191-261	100	100	54	78	M8
0.66	±10	1000	700		145 -197.5	100	100	54	78	M8
1.33	±10	900	950		99-130.5	100	100	54	78	M8
2.60	±10	700	1050		76-113	100	100	54	78	M8
6.00	±10	600	1200		75	100	100	54	78	M8