

CC-5 Conduction Cooled Capacitors

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

Specifications:

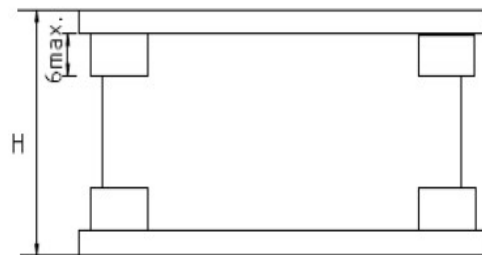
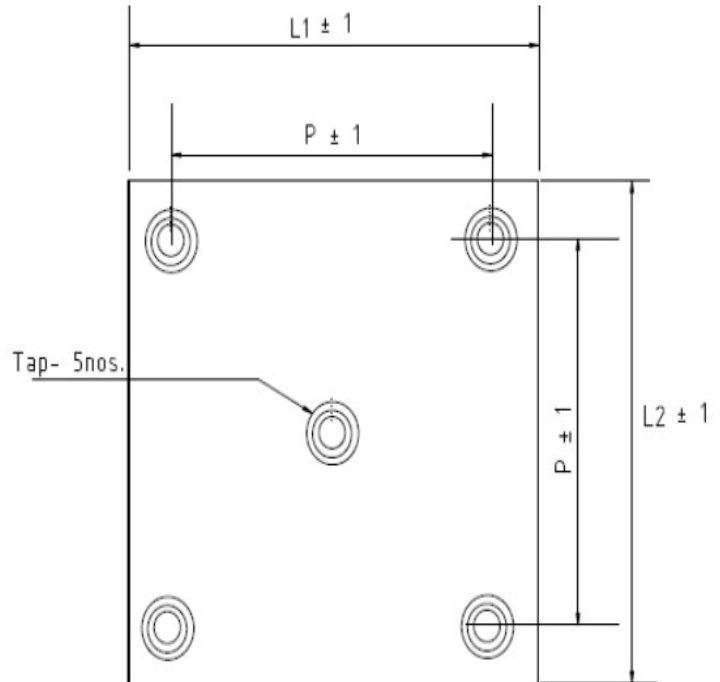
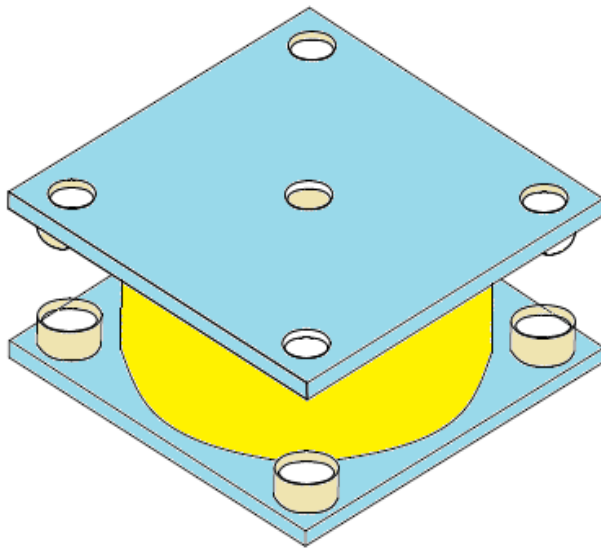
Specifications:	
Capacitance	: 0.1 μ F to 85 μ F
Tolerance	: \pm 10%
Rated Voltage	: upto 1000Vrms
Dielectric	: Metallised Polypropylene Film
Max current	: upto 1400 Arms
Max Power rating	: upto 700KVAR
Working frequency	: upto 650kHz
Temperature Range	: -40°C to +85°C
Standard reference	: IEC 61071

Marking

ADVANCE Value , Tolerance Voltage ,
Current KVAR Part Code
Mysore – India
DISCHARGE BEFORE HANDLING



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



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
						L1 ±2	L2 ±2	H±0.5	P±1	Tap
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz					
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
						L1 ±1	L2 ±1	H±0.5	P±1	Tap
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz					
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
						L1 ±1	L2 ±1	H±0.5	P±1	Tap
µF @ 1kHz	%	Vrms	Irms	kvar	Range in kHz					
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

CC-5-C-500

Standard Capacitor Power Range 500kVAR

Capacitance μF @ 1kHz	Tolerance %	Rated RMS Voltage Vrms	Max. Current Irms	Max. Power kvar	Working Frequency Range in kHz	Dimensions in mm				Self Clinch Nuts Fixed
						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 μF @ 1kHz	Tolerance %	Rated RMS Voltage Vrms	Max. Current Irms	Max. Power kvar	Working Frequency Range in kHz	Dimensions in mm				Self Clinch Nuts Fixed
						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

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	800	700	21.5 - 29	130	130	72	105	M8
9.00	± 10	900	900		15 - 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	500	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