

## 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:

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Capacitance	: 0.1 $\mu$ F to 40 $\mu$ F
Tolerance	: $\pm$ 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

ADVANCE Value , Tolerance Voltage ,  
Current KVAR Part 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



ISO 9001 : 2015  
ISO 13485 : 2016

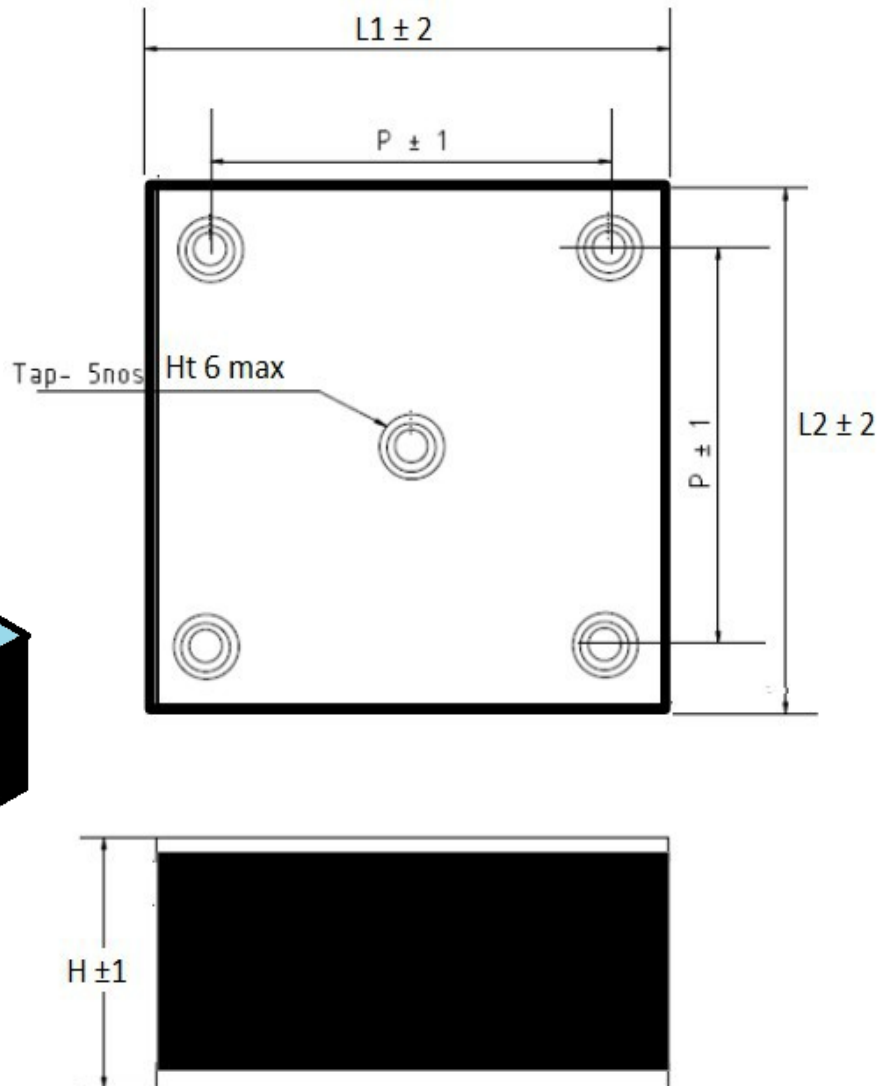
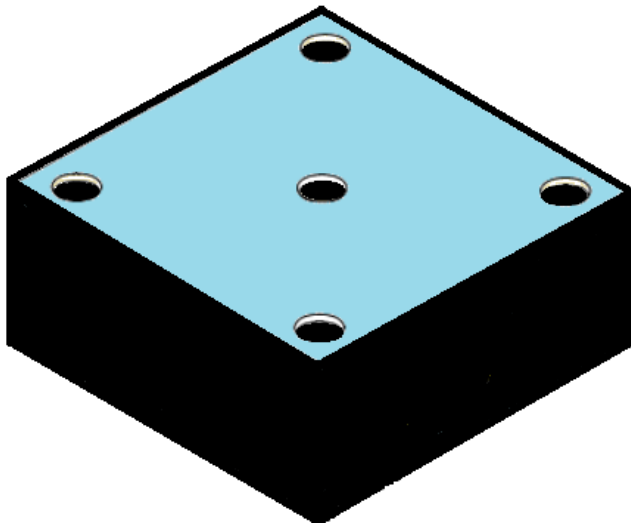
Phone : +91 821 2402307, 2402301, 2403058

E-mail : enquiries@advancecapacitors.com  
advcaps@gmail.com

Website : www.advance-capacitors.com

GSTIN : 29AABCA1720D1ZA

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



## 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
						L1 ±2	L2 ±2	H±1	P±1	
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

## 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
						L1 ±2	L2 ±2	H±1	P±1	
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



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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
$\mu\text{F}$ @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 $\pm 2$	L2 $\pm 2$	H $\pm 1$	P $\pm 1$	Tap
0.25	$\pm 10$	700	500	300	389 - 530	78	78	34	62	M8
0.33	$\pm 10$	700	500		295 - 401	78	78	34	62	M8
0.66	$\pm 10$	700	500		146.5 - 200	78	78	34	62	M8
1.00	$\pm 10$	600	650		131 - 223	78	78	34	62	M8
1.20	$\pm 10$	600	650		111 - 187	78	78	34	62	M8
1.32	$\pm 10$	600	650		100 - 170	78	78	34	62	M8
2.40	$\pm 10$	500	650		80 - 97	78	78	34	62	M8
2.60	$\pm 10$	500	650		71.5 - 85	78	78	34	62	M8
5.00	$\pm 10$	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
$\mu\text{F}$ @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 $\pm 2$	L2 $\pm 2$	H $\pm 1$	P $\pm 1$	Tap
0.33	$\pm 10$	1000	600	400	193.5 - 433	78	78	34	62	M8
0.66	$\pm 10$	1000	600		94 - 216	78	78	34	62	M8
1.20	$\pm 10$	900	850		65.5 - 239	78	78	34	62	M8
1.32	$\pm 10$	900	850		57 - 215	78	78	34	62	M8
2.60	$\pm 10$	700	950		50 - 138	78	78	34	62	M8
5.00	$\pm 10$	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
$\mu\text{F}$ @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 $\pm 2$	L2 $\pm 2$	H $\pm 1$	P $\pm 1$	Tap
6.50	$\pm 10$	600	1000	400	26 – 62	100	100	54	78	M8
8.50	$\pm 10$	600	1000		20 – 47	100	100	54	78	M8
10.00	$\pm 10$	600	1000		18 – 40	100	100	54	78	M8
20.00	$\pm 10$	500	1000		13 – 15	100	100	54	78	M8
40.00	$\pm 10$	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
$\mu\text{F}$ @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 $\pm 2$	L2 $\pm 2$	H $\pm 1$	P $\pm 1$	Tap
1.20	$\pm 10$	1100	600	500	55- 96	100	100	54	78	M8
1.40	$\pm 10$	1100	600		46 - 83	100	100	54	78	M8
3.00	$\pm 10$	750	800		47 – 68	100	100	54	78	M8
3.30	$\pm 10$	750	800		43 – 62	100	100	54	78	M8
4.00	$\pm 10$	900	700		25 – 39	100	100	54	78	M8
5.60	$\pm 10$	700	1000		29 – 57	100	100	54	78	M8
6.30	$\pm 10$	700	1000		26 - 51	100	100	54	78	M8
8.50	$\pm 10$	700	1000		19 – 38	100	100	54	78	M8
10.00	$\pm 10$	700	1000		16 – 32	100	100	54	78	M8
21.00	$\pm 10$	500	1000		15	100	100	54	78	M8
27.00	$\pm 10$	550	1000		10 – 15	100	100	54	78	M8
33.00	$\pm 10$	500	1000		10	100	100	54	78	M8
37.00	$\pm 10$	500	1000		9	100	100	54	78	M8



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## 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
$\mu\text{F}$ @ 1kHz	%	Vrms	Irms	kvar	Range in kHz	L1 $\pm 2$	L2 $\pm 2$	H $\pm 1$	P $\pm 1$	Tap
0.33	$\pm 10$	1000	600	600	290	100	100	54	78	M8
0.50	$\pm 10$	1000	700		191-261	100	100	54	78	M8
0.66	$\pm 10$	1000	700		145 -197.5	100	100	54	78	M8
1.33	$\pm 10$	900	950		89-180.5	100	100	54	78	M8
2.60	$\pm 10$	700	1050		76-113	100	100	54	78	M8
5.00	$\pm 10$	500	1200		76	100	100	54	78	M8