

GENERAL TECHNICAL CHARACTERISTICS

Dielectric : Polypropylene film+AL Film
 Construction : Dry construction, filled by solid resin
 Non-inductive type
 Case : Extended metalized r film, dry construction
 Leads : Conduction Cooled (水冷却)

ELECTRICAL CHARACTERISTICS

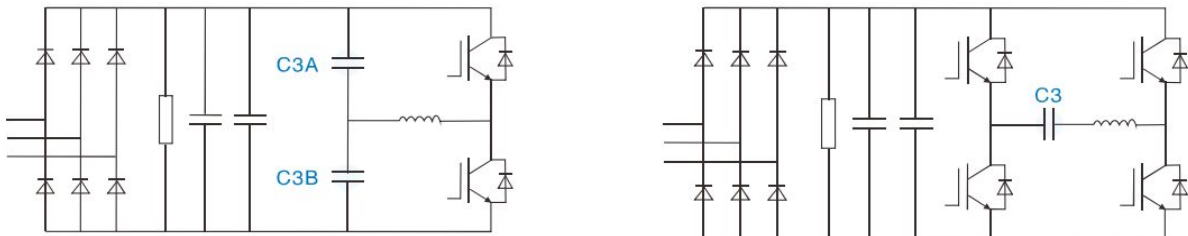
Working teperature : - 40 to + 105 °C
 Capacitance : 0.1 to 300μF
 Rated Voltage : 300~1000VRms
 Tolerance : ± 10%
 Dissipation factor: Geasured at 1000±20 Hz AND 25±5°C.
 When Cr≤1.0μF, 4×10⁻⁴;
 When Cr>1.0μF, 6×10⁻⁴
 Life expectancy: 10,000 hours at Un and 70°C
 (Hotspot temperature)



TEST GETHODS AND PERFORGANCES

Dielectric strength: 1.5Ur (DC) applied for 10s at 25±5°C
 (1 Gminute for type test)
 Test voltage terminal to case :3000Vac,(10s 50Hz 20± 5°C)
 Insulation resistance : 3000s but need not exceed 30GΩ
 (typical value), after 1 Gminute of electrification at 100Vdc (25±5°C)

应用电路图:

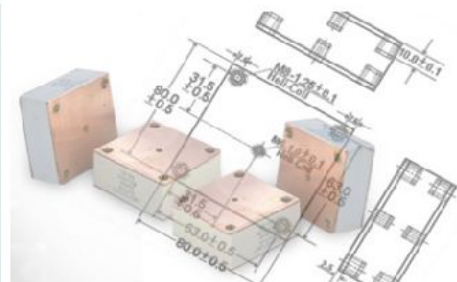


Part number	DCC series
Product Description	Conduction Cooled Capacitor
Capacitance Range	0.1, 0.17, 0.33, 0.5, 0.7, 1.2, 2.5
Tolerance(%)	-10 to +10
DC Rated Voltage (V)	700
AC Rated Voltage (Vrms)	700
Dimensions (mm)	80 x 80 x 36 (L x H x T)
Additional Features	Max. intensity / Power: 600A/300KVar



Specifications

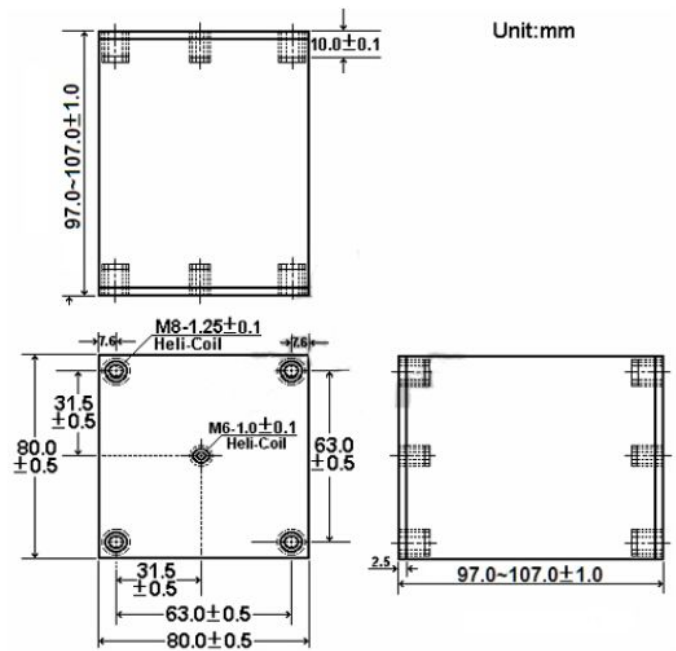
TYPE	Unit	DCC series										
CAPACITANCE	μF	0.1	0.2	0.33	0.5	0.66	0.7	1.0	1.2	1.3	2.5	5
Max. Voltage	Vrms	1000	700					600			500	400
MaX. Current	Arms	400	500					650			650	800
Peak Voltage	V	1410	990					850			710	570
Max. Power	KVar	150										
Frequency limit	Khz	30-700KHz										



Ratings and Dimensions

Part Number	Cap (μF)	Dimension (mm)			MaX	Peak	Irms max. (A)	Max. Power Kvar	Full Power Freq (KHZ)
		L	B	H	Urms Vac	Voltage V			
Ur 630Vdc, Urms 380Vac, Upk 1000Vdc									
DCC-1000-0.1	0.1	80	80	36	1000	1410	360	300	450~700
DCC-1000-0.2	0.2	80	80	36	1000	1410	380	300	240~380
DCC-700-0.10	0.1	80	80	36	700	1410	450	300	240~381
DCC-700-0.26	0.26	80	80	36	700	1000	450	300	500~1000
DCC-700-0.33	0.33	80	80	36	700	1000	490	300	290~390
DCC-700-0.68	0.68	80	80	36	700	1000	490	300	145~200
DCC-600-1.0	1	80	80	36	600	850	670	300	450~704
DCC-630-1.2	1.2	80	80	36	600	850	670	300	450~705

Note: Other capacitance values, voltages, lug orientations and terminal hole spacings are available. Please contact us.



实物安装

Part Number	Cap (μF)	Dimension (mm)			MaX	Peak	Irms max. (A)	Max. Power Kvar	Full Power Freq (KHZ)
		L	B	H	Urms Vac	Voltage V			
Ur 630Vdc, Urms 380Vac, Upk 1000Vdc									
DCC-300-200	200	80	80	97	300	800	600	300	50-60
DCC-300-250	250	80	80	100	300	800	600	300	50-60
DCC-300-300	300	80	80	107	300	800	600	300	50-60

How to Order:

DCC- 1000 - 104 K

