裕昌機電

高電流、功率半導體及直流電路應用電容器
Capacitors for High Current、Power Semiconductor and DC Applications

用途特性：

◎可控矽晶整流器（silicon controlled rectifier）需要高峰值均方根(RMS)電流功能的變向電路應用
◎高頻脈衝電流、漣波電流、高峰值電壓電路應用
◎本體使用金屬密閉耐壓罐型
◎接線端依最高峰值電流和電壓設計
◎端子與本體間採用高分子複合碍子絕緣
◎內部電容器介質使用聚丙烯或高密度絕緣紙，導電膜可為蒸鍍紙、塑膜或箔金屬

Features and Application：

- Silicon controlled rectifier commutating applications that require high peak and RMS current capability.
- Application are ripple current capability、high frequency and pulsed current.
- Body are oval or rectangular metal canister with threaded stud solymer insulated terminals to withstand high current and high peak voltages.
- Capacitor element material are manufactured with sheets of metal foil as the electrodes or maybe by vacuum metallized film and high density kraft paper.

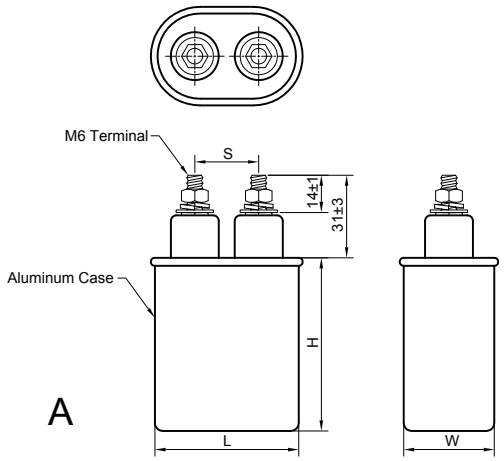
規範性能：

◎依據IEC 61071功率半導體應用規範
◎高頻電路應用使用非鐵金屬罐型設計
◎非滿載電壓環境使用下約95%產品壽命可達40,000小時
◎高電壓、高頻、大電流
◎承製容量範圍0.1uF~50uF
◎額定電壓200Vpk~2000Vpk
◎容量誤差±10%
◎工作溫度-40°C~+75°C
◎內部無裝設保安裝置，須謹慎使用

Specification and Performance：

- Accordance :IEC 61071 (1980)
- Case Material/Finish: Metal.or non-ferrous metal(on high frequency).
- Operating Life: 40,000 hours with 95% survival with proper derating.
- High Voltage, High Frequency, High Current.
- Available Capacitance Range: 0.1 μF to 50 μF
- Rated Voltage: 200 to 2000Vpk
- Capacitance Tolerance: ± 10%
- Capacitance Variation with Temperature: -40°C~+75°C
- Internal Protection: These capacitors do not contain an internal protection mechanism. The user is responsible for ensuring that the capacitors are correctly applied for safe use.

SCR Commutation Capacitors



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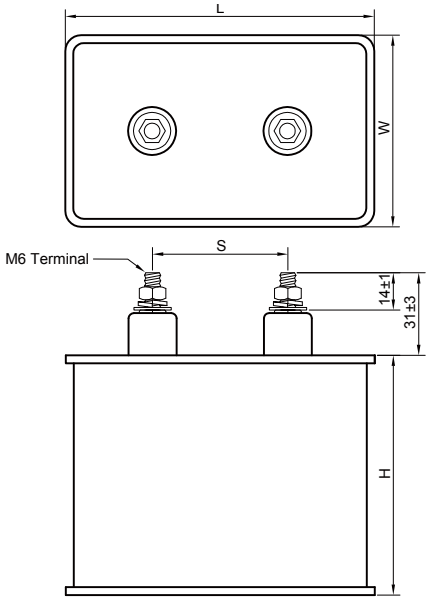

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Volts Peak	Capacitance (μF)	L	W	H	S	Figuration
600	0.15	54	34	65	24	A
	0.25	54	34	65	24	A
	0.5	54	34	65	24	A
	1	54	34	65	24	A
	5	54	34	115	24	A
	10	90	49	100	40	A
	20	90	49	145	40	A
	30	116	72	130	50.8	B
	40	116	72	160	50.8	B
	50	116	72	185	50.8	B
800	0.15	54	34	65	24	A
	0.25	54	34	65	24	A
	0.5	54	34	65	24	A
	1	54	34	65	24	A
	5	54	34	115	24	A
	10	90	49	100	40	A
	20	116	72	110	50.8	B
	30	116	72	150	50.8	B
	40	116	72	180	50.8	B
	50	116		220	50.8	B

Volts Peak	Capacitance (μF)	L	W	H	S	Figuration
1000	0.15	54	34	65	24	A
	0.25	54	34	65	24	A
	0.5	54	34	65	24	A
	1	54	34	65	24	A
	2	54	34	100	24	A
	3	54	34	125	24	A
	4	71	46	100	24	A
	5	71	46	100	24	A
	8	116	72	90	50.8	B
	10	116	72	100	50.8	B
	15	116	72	130	50.8	B
	20	116	72	160	50.8	B
	25	116	72	190	50.8	B
	30	116	72	220	50.8	B
	40	116	72	280	50.8	B

Volts Peak	Capacitance (μF)	L	W	H	S	Figuration
1500	0.15	54	34	65	24	A
	0.25	54	34	65	24	A
	0.5	54	34	65	24	A
	1	54	34	80	24	A
	2	54	34	125	24	A
	3	54	34	145	24	A
	4	90	49	100	40	A
	5	90	49	125	40	A
	8	116	72	100	50.8	B
	10	116	72	120	50.8	B
	15	116	72	150	50.8	B
	20	116	72	170	50.8	B
	25	116	72	203	50.8	B
	30	116	72	230	50.8	B

Volts Peak	Capacitance (μF)	L	W	H	S	Figuration
2000	0.1	54	34	65	24	A
	0.15	54	34	65	24	A
	0.25	54	34	65	24	A
	0.5	54	34	65	24	A
	1	54	34	80	24	A
	2	71	46	125	24	A
	4	90	49	100	40	A
	5	116	72	90	50.8	B
	8	116	72	120	50.8	B
	10	116	72	130	50.8	B
	15	116	72	185	50.8	B
	20	116	72	230	50.8	B
	25	116	72	280	50.8	B