

CDF 系列 SERIES

急速发光闪光灯用主电容器

Electrolytic capacitors for rapid strobe flash applications.

◆ 特 长 / FEATURES

可急速充放电、长寿命

Long life under rapid charge and discharge use.

RoHS指令对应品

RoHS compliance.

◆ 注 意 / CAUTION

此系列电容只用于闪光灯(电子闪光灯)的主电容器, 不能用作其它用途。

CDF series is designed, manufactured and intended solely for use in signal light with strobe-flash.

This is not intended for use in medical equipment.

Rubycon Corporation, Rubycon America, Inc., and Shin-Ei Capacitor Foil Company, Ltd. expressly disclaim any warranties or representations as to the suitability or fitness of this capacitor for use in medical equipment.



◆ 规格表 / SPECIFICATIONS

项 目 Items	特 性 Characteristics	
工作温度范围 Category Temperature Range	- 25 ~ + 70 °C	
额定电压范围 Rated Voltage Range	360V.DC	450V.DC
耐 电 压 Withstand Voltage	390V.DC	500V.DC
静电容量允许差 Capacitance Tolerance	- 10 ~ + 20% (25 °C, 120Hz)	
漏 电 流 Leakage Current(MAX)	$I = 3\sqrt{CV}$ (施加额定电压5分钟后) (After 5 minutes application of rated voltage) I = 漏电流 (µA) C = 额定静电容量 (µF) V = 额定电压 (V) Leakage Current Rated Capacitance Rated Voltage	
损失角正切值 (tan δ) Dissipation Factor(MAX)	0.07 (25 °C, 120Hz)	
充 放 电 特 性 Charge and Discharge	在45°C环境中施加额定电压, 用氙灯放电每一秒钟一次, 进行1000000次。 Charge and discharge at rated voltage at 45 °C in every 1 second for 1 million times via Xe flash tube.	
	静 电 容 量 变 化 率 Capacitance Change	初期值的±10%以内 Within ± 10% of the initial value.
	损 失 角 正 切 值 Dissipation Factor	规格值的150%以下 Not more than 150% of the specified value.
高 温 无 负 荷 特 性 Shelf Life	在70°C中无负荷放置500小时, 恢复到常温, 进行JIS C 5101-4 4.1的电压处理后, 进行的测定。 Storage without voltage applied at 70 °C for 500 hours and measured at 25 °C ± 5 °C after voltage processing in JIS C 5101-4 item 4.1.	
	静 电 容 量 变 化 率 Capacitance Change	初期值的±10%以内 Within ± 10% of the initial value.
	漏 电 流 Leakage Current	规格值的300%以下 Not more than 300% of the specified value.

◆ 尺寸表 / STANDARD SIZE

Cap(µF)	WV φD	360				450			
		φ 22	φ 25	φ 30	φ 35	φ 22	φ 25	φ 30	φ 35
40						22 × 35			
50						22 × 40	25 × 35		
60		22 × 30				22 × 50	25 × 39		
80		22 × 40	25 × 30				25 × 45		
100		22 × 50	25 × 39				25 × 55	30 × 45	
120			25 × 45					30 × 51	
150			25 × 51	30 × 41				30 × 51	35 × 45
200				30 × 45				30 × 65	35 × 56
300				30 × 65	35 × 51				35 × 66
400					35 × 66				

↑ 铝壳尺寸 Case Size φ D^{+1MAX} × L^{±2}(mm)