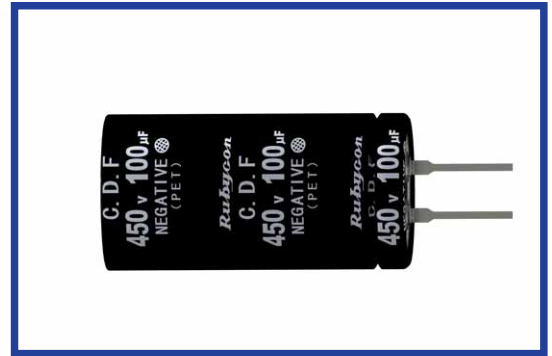


**CDF SERIES**
**For Rapid Strobe Flash applications**

•Long life under rapid charge and discharge use.

RoHS compliance


**◆CAUTION**

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

**◆SPECIFICATIONS**

Items	Characteristics	
Category Temperature Range	-25~+70°C	
Rated Voltage Range	360Vdc	450Vdc
Withstand Voltage	390Vdc	500Vdc
Capacitance Tolerance	-10~+20% (25°C, 120Hz)	
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) $I$ =Leakage Current( $\mu$ A) $C$ =Capacitance( $\mu$ F) $V$ =Rated Voltage(Vdc)	
Dissipation Factor(MAX) (tan $\delta$ )	0.07 (25°C, 120Hz)	
Charge and Discharge	Charge and discharge at rated voltage at 45°C in every 1 second for 1 million times via Xe flash tube.	
	Capacitance Change	Within $\pm$ 10% of the initial value.
	Dissipation Factor	Not more than 150% of the specified value.
	Leakage Current	Not more than 200% of the specified value.
Shelf Life	Storage without voltage applied at 70°C for 500 hours and measured at 25°C $\pm$ 5°C after voltage processing in JIS C 5101-4 item 4.1.	
	Capacitance Change	Within $\pm$ 10% of the initial value.
	Dissipation Factor	Not more than 150% of the specified value.
	Leakage Current	Not more than 300% of the specified value.

**◆STANDARD SIZE**

Cap( $\mu$ F)	360				450			
	22	25	30	35	22	25	30	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				

 ↑ Case Size  $\phi D^{+1MAX} \times L^{\pm 2}$ (mm)