CDF SERIES

For Rapid Strobe Flash applications



◆FEATURES

- 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., 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.

◆SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	−25～+70℃	
Rated Voltage Range	360Vdc	450Vdc
Withstand Voltage	390Vdc	500Vdc
Capacitance Tolerance	−10～+20% (25℃, 120Hz)	
Leakage Current(MAX)	$I=3\sqrt{CV}$(After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(Vdc)	
(tanδ) Dissipation Factor(MAX)	0.07 (25℃,120Hz)	
Charge and Discharge	Charge and discharge at rated voltage at 45℃ in every 1 second for 1 million times via Xe flash tube.	
	Capacitance Change	Within ±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℃ for 500 hours and measured at 25℃±5℃ after voltage processing in JIS C 5101-4 item 4.1.	
	Capacitance Change	Within ±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

Vdc / Cap(μF) \ φD	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)