CDF SERIES

Electrolytic capacitors 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	360V.DC / 450V.DC
Withstand Voltage	390V.DC / 500V.DC
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(V)
(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

WV / φD / Cap(μF)	360				450			
	φ22	φ25	φ30	φ35	φ22	φ25	φ30	φ35
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)

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