

CDF SERIES

Electrolytic capacitors for rapid strobe flash applications.

◆ FEATURES

Long life under rapid charge and discharge use.

◆ 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.



◆ 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√CV (After 5 minutes application of rated voltage) I=Leakage Current(μA)      V=Rated Voltage(V)      C=Rated Capacitance(μF)	
Dissipation	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 5102 item 4.4.	
	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

Cap(μF)	WV φD	360				450			
		φ 22	φ 25	φ 30	φ 35	φ 22	φ 25	φ 30	φ 35
40						22X35			
50						22X40	25X35		
60		22X30				22X50	25X39		
80		22X40	25X30				25X45		
100		22X50	25X39				25X55	30X45	
120			25X45					30X51	
150			25X51	30X41				30X51	35X45
200				30X45				30X65	35X56
300				30X65	35X51				35X66
400					35X66				

↑ Case Size φD<sup>+1MAX</sup>×L<sup>±2</sup>(mm)

CDF