

FK SERIES
For Photo Flash applications, Lug Terminal Type

•Single anode foil construction.

ROHS compliance

CAUTION

These Rubycon Photo Flash Capacitors are designed, manufactured and intended solely for use in photo flash and other photographic equipment. They are 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 these capacitors for use in medical equipment.


SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-20~+55°C	
Rated Voltage Range	330Vdc	360Vdc
Withstand Voltage	350Vdc	390Vdc
Capacitance Tolerance	-10~+20% (25°C, 120Hz)	
Leakage Current(MAX)	I=1×C (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF)	
Dissipation Factor(MAX) (tanδ)	Capacitance (μF)	150~600 601~1500
	tanδ	0.07 0.10
Charge and Discharge	Charge and discharge at rated voltage at 5~35°C in every 30 seconds for 5000 times via Xe flash tube with discharge resistance of 0.7~1.0Ω.	
	Capacitance Change	Within ±10% of the initial value.
	Dissipation Factor	Not more than 150% of the specified value.
Shelf Life	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.	
	Capacitance Change	Within ±10% of the initial value.
	Leakage Current	Not more than 150% of the specified value.

DIMENSIONS

(mm)

$\phi 13.5 \sim \phi 15.5$

$\phi 16 \sim \phi 35$

φD	13.5	14	14.5	15	15.5	16	18	20	22	25	30	35
P	4.7	5.0	5.5	5.5	5.5	6.0	6.0	6.0	6.0	8.0	8.0	10.0
ℓ	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.5	5.5	5.5
W	1.5	1.5	1.5	1.5	1.5	2.6	2.6	2.6	2.6	3.0	3.0	3.0
α	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0

Please consult us about individual size and dimensions.

*For other specifications, dimensions, terminal configurations, etc., please consult our sales offices.