

FKX SERIES

For Photo Flash applications, Miniaturized, Lug Terminal Type

◆FEATURES

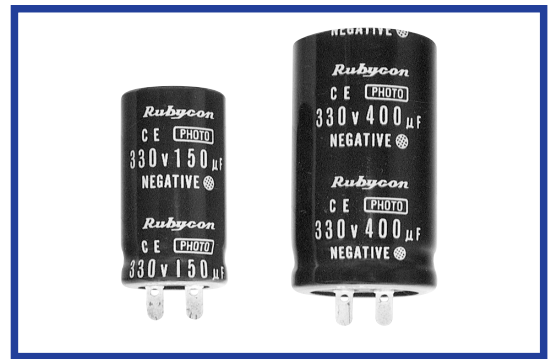
- Double anode foil construction.
- Compact and light weight.
- RoHS compliance.

◆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., and Shin-Ei Capacitor Foil Company, Ltd. 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℃								
Rated Voltage Range	330Vdc		360Vdc						
Withstand Voltage	350Vdc		390Vdc						
Capacitance Tolerance	-10~+20% (25℃, 120Hz)								
Leakage Current(MAX)	I=1×C (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF)								
(tanδ) Dissipation Factor(MAX)	<table><tr><td>Capacitance (μF)</td><td>150~600</td><td>601~1500</td></tr><tr><td>tanδ</td><td>0.10</td><td>0.15</td></tr></table>	Capacitance (μF)	150~600	601~1500	tanδ	0.10	0.15	When capacitance is less than 300μF with 330WV, DF can be not more than 0.07. (25℃, 120Hz)	
Capacitance (μF)	150~600	601~1500							
tanδ	0.10	0.15							
Charge and Discharge	Charge and discharge at rated voltage at 5~35℃ 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.						
	Leakage Current		Not more than 150% 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 150% of the specified value.						

◆DIMENSIONS

(mm)

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(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
a	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.

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