SF SERIES

For Photo Flash applications, High Voltage, Lug Terminal Type

RoHS compliance

◆CAUTION

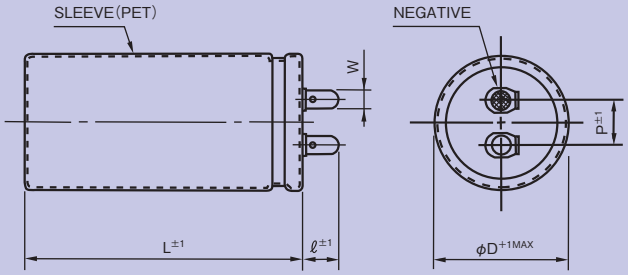
These Rubycon Photo Flash Capacitors are designed, manufactured and intended solely for use in photo flash and other photographic equipment.
They are not intended for use in medical equipment.
Rubycon Corporation, Rubycon America, Inc., Shin-Ei Capacitor Foil Inc and other Rubycon group companies expressly 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℃
Rated Voltage Range	450Vdc
Withstand Voltage	500Vdc
Capacitance Tolerance	−10～+20% (25℃, 120Hz)
Leakage Current(MAX)	I=1.5×C (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF)
Dissipation Factor(MAX) (tanδ)	Capacitance (μF) / 150～600 / 601～1000 ; tanδ / 0.10 / 0.15 (25℃, 120Hz)
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 300% of the specified value.

◆DIMENSIONS

(mm)



φD	25	30	35
P	8.0	8.0	10.0
ℓ	5.5	5.5	5.5
W	3.0	3.0	3.0

Please consult us about individual size and dimensions.