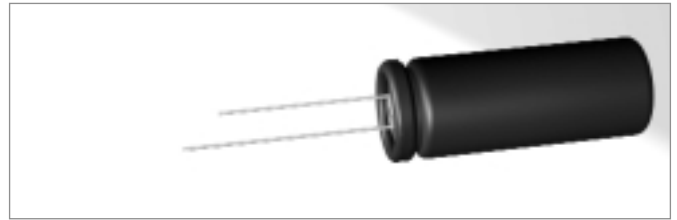


LPF Series 55°C

Features

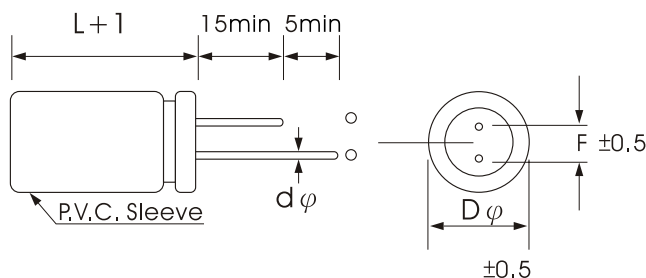
- LPF Series is for photo flash applications that require not only superior volumetric efficiency, low dissipation factor and low leakage current
- These capacitors effectively convert electrostatic energy into light
- For detail specifications, please refer to Engineering Bulletin No. E116



Specifications

Item	Performance Characteristics
Operating Temperature Range	-20 °C to +55 °C
Rated voltage Range	330/350 VDC
Capacitance Range	100 to 450 uF
Capacitance Tolerance	-10% ~ +20 % (120 Hz, +20 °C)
Leakage Current (+20 °C, max.)	1 ≤ 1xC uA max After 1 minutes
Dissipation Factor (tan δ)	8% max (+ 20 °C, at 120 Hz,)
Load Life	Test conditions Duration time: 5000 Times Ambient temperature: Room Temperature! 5-35 °C) Applied voltage: Charge and Discharge Cycles: 30 Sec After test requirements: at ≤ +20 % Capacitance change: ≤ 10% of the initial measured value Dissipation Factor: ≤ 150 % of the initial specified value Leakage current: ≤ 150 % of the initial specified value
Shelf Life	Test conditions Duration time: 1000 Hrs Ambient temperature: + 65°C Applied voltage: None After test requirements at +20 °C: Capacitance change: ≤ 10% of the initial measured value Dissipation Factor: ≤ 150 % of the initial specified value Leakage current: ≤ 300 % of the initial specified value

Diagram of Dimensions: (Unit: mm)



Dφ	16	18	20	22
F	7.5	7.5	10.0	10.0
dφ	0.8			

Case Size

WV(SV)	CAP uF	Case Size φD x L (mm)
330(360)	100	16x25.5
	150	16x31.5
		18x28
	160	16x33
		18x31
	180	16x35
		18x31
	200	18x33
	200	18x35
	250	18x40
		20x35
	300	20x40
		22x35
	350	20x44
		22x40
	400	22x42
450	22x46	

WV (SV)	CAP uF	Case Size φD x L (mm)
350 (390)	100	16x27
	150	16x33
		18x31
	160	16x33
		18x31
	180	16x35
		18x33
	200	18x40
		20x35
	220	18x40
		20x35
	250	20x40
		22x35
	300	20x44
		22x40
	350	22x40
400	22x48	