

PF series

Photo Flash Use(闪光灯用品)

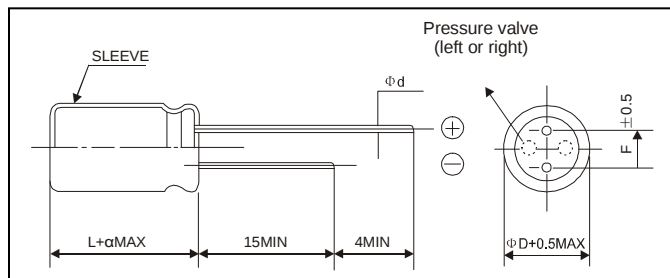
◆ FEATURES

- PF series for photo flash application require not only superior volumetric efficiency but also low dissipation factor and low leakage current.
- These capacitors effectively convert electrostatic energy into light.

◆ SPECIFICATIONS

Items	Characteristics
Category Temperature Range	-25~+55℃
Rated Voltage Range	300/330V.DC
Nominal Capacitance Range	80~300μF
Capacitance Tolerance	-10%~+20%(120Hz,+20℃)
Leakage Current(MAX)	$I=1 \times C_R(\mu A)$ after 5 minutes with rated working voltage
Dissipation Factor(MAX) Tanδ (20℃,120Hz)	Less than 0.06
Charge and Discharge	Test condition :For 5000times at room temperature(5~35℃) Charge&discharge cycles :30 sec Leakage current :≤150% of initial specified value Cap.change :within ±10% of initial value Tanδ : ≤150% of initial specified value
Shelf Life	Storage without voltage applied at 55℃ for 1000 hours and measured at 25±5℃ after Voltage processing in JIS C-5102 item 4.4 Leakage current :≤150% of initial specified value Cap.change :within ±10% of initial value Tanδ : ≤150% of initial specified value
Other	JISC-5141 EIAJ RC-2372

◆ CASE SIZE TABLE



ΦD	11	12.5	13	13.5	14	14.5	16	18	20
F	5.0	5.0				7.5			
Φd	0.6	0.8							
α	1								

◆ STANDARD RATINGS

Cap	Φ D	11	12.5	13	13.5	14	14.5	16	18	20
(μF)	F	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5
	Φ d	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80	L	30.5	25.5	23.5	22.0					
100		36.0	29.5	27.5	25.5	24.0	22.5			
120		42.0	33.5	30.5	28.5	27.0	25.5			
140		47.5	38.0	34.5	32.0	29.5	28.0	25.0		
160		54.0	42.0	38.0	35.5	33.0	30.5	27.5	24.5	
180			46.0	41.5	38.5	36.0	33.5	28.5	26.0	24.0
200			51.0	45.5	42.0	39.0	36.5	31.0	28.0	25.5
220				49.0	45.5	42.0	39.0	33.5	28.5	27.0
250				55.0	50.5	46.5	43.5	36.5	31.5	29.0
300						55.0	50.5	42.5	36.0	33.0