

SPF SERIES(Photo Flash Use閃光燈用品)

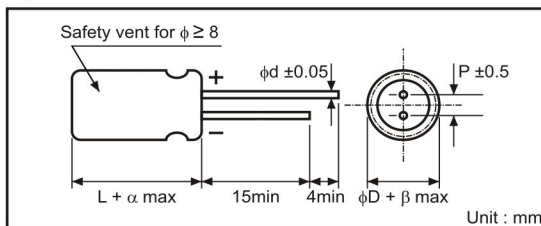
- PF series for photo flash applications require not only superior volumetric efficiency but also low dissipation factor and low leakage current.
- These capacitors effectively convert electrostatic energy into light.



◆ SPECIFICATIONS

Item	Performance Characteristics
Operating temperature range	-25 to +55°C
Rated Working Voltage Range	330V
Nominal Capacitance Range	36 to 300μF
Capacitance Tolerance	-10% to +20%(120Hz,+20°C)
Leakage Current	I=1 X C(μA) max.(After 5 minutes)
Dissipation Factor tan δ(120Hz,+20°C)	less than 0.06
Charge and Discharge Characteristics	Charge & discharge cycles : For 5000 times at room temperature(5~35°C) Charge & discharge cycles : 30sec Leakage current : ≤150% of Initial specified value Cap . Change : within ±10%of Initial value tan δ : ≤150% of Initial specified value
Shelf Life	Storage without voltage applied at 55°C for 1000 hours and measured at 25°C Leakage current : ≤ 150% of Initial specified value Cap . Change :within ±10%of Initial measured value tan δ : ≤150% of Initial specified value

◆ CASE SIZE TABLE



ΦD	10	12.5	13	14.5	16	18	20
P	5.0	5.0	5.0	7.5	7.5	7.5	7.5
Φd	0.6	0.8	0.8	0.8	0.8	0.8	0.8
α	(L < 20)1.5		(L ≥ 20)2.0				
β	(D < 20)0.5		(D ≥ 20)1.0				

◆ DIMENSIONS

Voltage(Code)		330V	Voltage(Code)		330V	Voltage(Code)		330V
Cap(μF)		Size	Cap(μF)	Size	Cap(μF)	Size	Cap(μF)	Size
36	366	10*27	140	147	12.5*42	200	207	14.5*43
47	476	10*30			13*39			16*38
		12.5*20			14.5*33			18*31
60	606	10*34	160	167	16*29	220	227	14.5*47
		12.5*23			18*25			16*40
80	806	12.5*27			12.5*47	18*33		
100	107	12.5*34			13*43	16*43		
		13*34	14.5*36	18*36				
		14.5*26	16*32	18*37				
120	127	12.5*37	180	187	250	257	20*31	
		13*34			18*27		18*42	
		14.5*30			14.5*40	20*35		
		16*27			16*35			
					18*29			

Case Size ΦD X L (mm)