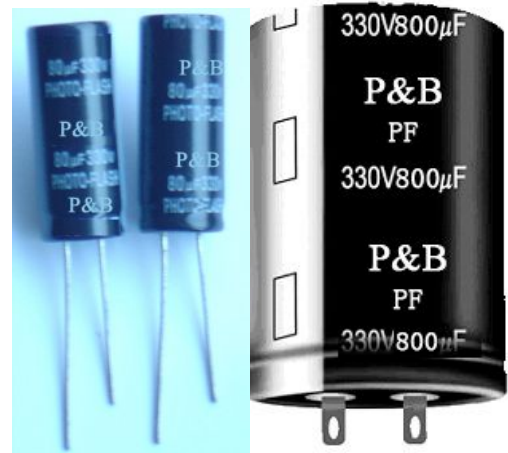


PF 55°C Series



Features

■ Applicable Standard

JIS C 5102 & JIS C 5141

■ Rated Working Voltage Range & Operation Temperature Range

330v DC/ -20 to +55°C

360v DC/ -20 to +55°C

■ This series is compliant with the requirement of RoHS and widely used for AC umbrella slave lamps & high-power flash lamps in the studios, and stroboscopic lamps in aerocrafts and towers, etc.

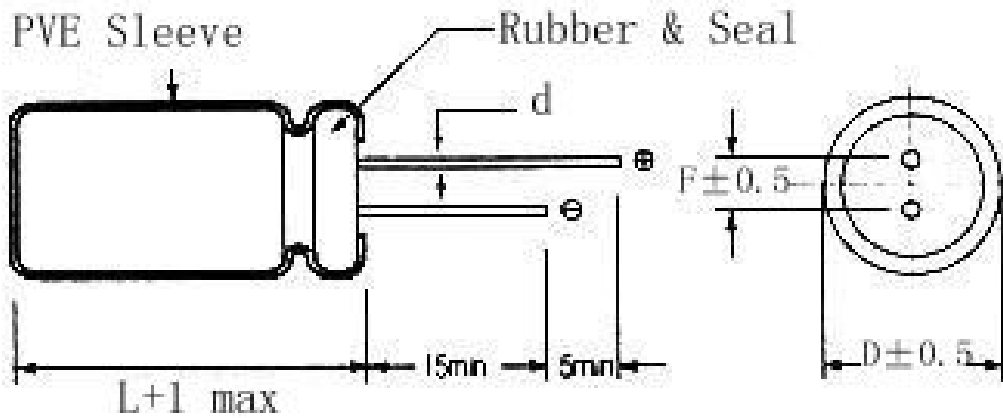
■ Specifications

Item	Performance Characteristics		
Rated Working Voltage Range	330v DC	360v DC	
Surge Voltage	350v DC	390v DC	
Operating Temperature Range	-20 to +55°C		
Nominal Capacitance Range	20 to 2900uF		
Capacitance Tolerance	-10% to +20% (120Hz, +20°C)		
Leakage Current	$I_L \leq 1C$ or 1mA Whichever is bigger After 5 minute application of rated working voltage at +20°C/ 120Hz.		
$tg \delta$ (120Hz,+20°C)	Capacitance (uF) $tg \delta$	240~600	700~2900
	$U_R(V)$		
	330	0.10	0.15
	360	0.12	0.18

Characteristics of Charge & Discharge	Charge and discharge at rated voltage at +20 °C / 120Hz in every 30 seconds for 5,000 times via xenon flash tube with discharge resistance of 0.7~1 Ω .	
	Capacitance Change Rate	≤ ± 10% initial value
	Dissipation Factor	≤ ± 150% initial specified value
	Leakage Current	≤ ± 300% initial specified value
Shelf life	After laying up on the shelf for 500 hours at +55 °C without any load applied, and then reducing the temperature of tested samples to +20 ± 5 °C , measuring the parameters at 120Hz as follow:	
	Capacitance Change Rate	≤ ± 10% initial value
	Dissipation Factor	≤ ± 150% initial specified value
	Leakage Current	≤ ± 300% initial specified value

■ Radial Terminal Type

▲ Diagram of Dimension (Unit: mm)



$\Phi D \pm 0.5$	10	12	14.5	16	17	18	20	22
$F \pm 0.5$	5.0	5.0	7.5	7.5	7.5	7.5	10	10
ϕd	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8

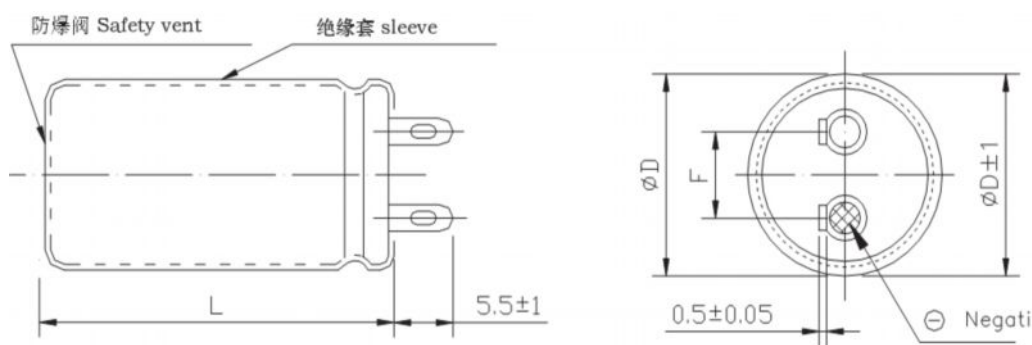
▲ Capacitance & Dimensions ($\mu F/mm$)

D C _R (μF)	10	12	14.5	16	17	18	20	22
20	10×25	12×20						
40	10×30	12×25						
60		12×30	14.5×25					
80		12×35	14.5×30	16×25				
100			14.5×30	16×30	17×28			
120				16×36	17×33	18×30		
140				16×40	17×37	18×34	20×30	
160					17×39	18×36	20×32	22×28
180					17×39	18×36	20×32	22×28
200					17×48	18×40	20×34	22×32
240						18×46	20×40	22×36
370								22×45

- The sizes of e-cap. will be changed as a result of the raw materials being continuously developed and improved. The sizes of e-cap. are subject to change without notice, and so the sizes are based on our offering samples.

■ Lug Terminal Type

▲ Diagram of Dimension (Unit: mm)



D±1.5	22	26(25.4)	30	35(34)	42	50
L	40, 50	40, 43, 45, 48, 50	50, 60	40, 50, 60, 65, 75, 80	60, 80	80
F±1.0	6	10				17

▲ Capacitance & Dimensions

$C_R(\mu F)$ $U_R(V)$ $D \times L$	$C_R(\mu F)$						
	300	400	500	600	700	800	900
330 (350)	22 × 40	25.4 × 43	25.4 × 43	25.4 × 43	25.4 × 50	30 × 50	30 × 50
				30 × 50	30 × 50		
360 (390)					35 × 50	35 × 50	35 × 50

$C_R(\mu F)$ $U_R(V)$ $D \times L$	$C_R(\mu F)$						
	1000	1200	1350	1500	1600	2000	2900
330 (350)	30 × 50	35 × 65	35 × 65	35 × 65	42 × 80		50 × 80
	35 × 50						
360 (390)	35 × 50	35 × 65	35 × 65	35 × 65	35 × 80	42 × 80	50 × 80
					42 × 60		

- The sizes of e-cap. will be changed as a result of the raw materials being continuously developed and improved. The sizes of e-cap. are subject to change without notice, and so the sizes are based on our offering samples.