

## PL Series

### Recharging and Discharging In Flash



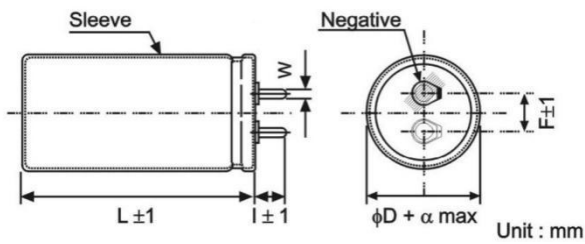
#### Features :

- Snap-in /Lug Terminal Type
- Photo Flash IPL Use
- Low Leakage Low Dissipation
- REACH ,ROHS certificated

#### Specification :

Item	Performance Characteristics				
Operating Temperature Range	-25 ~+70℃				
Rated Working Voltage Range	450 VDC				
Withstand Voltage	480SV.DC				
Nominal Capacitance Range	100uf ~2000uf				
Capacitance Tolerance	-5% ~+10% (at 120Hz,+20℃)				
Leakage Current	$I \leq 1 \times C(\mu A) \text{Max. (After 5 Minutes application of rated voltage)}$ I:Leakage Current (uA) C:Rated Capacitance				
Dissipation Factor $\tan \delta$ (120Hz,+25℃)	Capacitance Range (uF)	100~600	601~1500	1501~2000	2000~3000
	Working Voltage (V)	450	450	450	450
	Tan $\delta$ (max)	0.10	0.15	0.15	0.2
Charge and Discharge	Test Condition: For 100,000 times at normal room temperature (5~35℃) °C Charge & Discharge Cycles: 1~3 sec Leakage Current: ≤150% of initial Specified Value Capacitance Change :Whthin ±10% of initial Value Tan $\delta$ : ≤150% of initial Specified Value				
Shelf Life	The following Specification shall be satisfied when the capacitors are restored to 20℃ after exposing them for 500 hours at 70℃ without voltage applied. Leakage Current: ≤300% of initial Specified Value. Capacitance Change :Whthin ±10% of initial Value Tan $\delta$ : ≤150% of initial Specified Value				

## DIMENSIONS :



$\phi D$	22	25	30	35	40
F	8	10	10	14	14
I	9.0	9.0	9.0	9.0	9.0
W	4.5	4.5	4.5	4.5	4.5
$\alpha$	1.0	1.0	1.0	1.0	1.0

## Standard Ratings

$\phi D \times L$  (mm)

WV	450V (100K flashes)						450V (200K flashes)				
	$\phi D$	22	25	30	35	40	22	25	30	35	40
100	L	22*30	25*30				22*30	25*30			
150			25*30					25*30			
220			25*30					25*35			
330			25*45					25*45			
450			25*55	30*45					30*45		
530			25*60	30*50					30*50		
560				30*50					30*50		
820				30*50					30*70		
900				30*50					30*75	35*60	
1000					35*50					35*60	
1200					35*50					35*70	
1500					35*65	40*60					40*70
1800						40*80					

WV	450V (300K flashes)					
	$\phi D$	22	25	30	35	40
100	L	22*30	25*30			
150			25*30			
220			25*40			
330			25*50			
450				30*45		
530				30*50		
560				30*55		
820				30*70		
900				30*80		
1000					35*65	
1200					35*75	
1500						40*80