

FEATURES

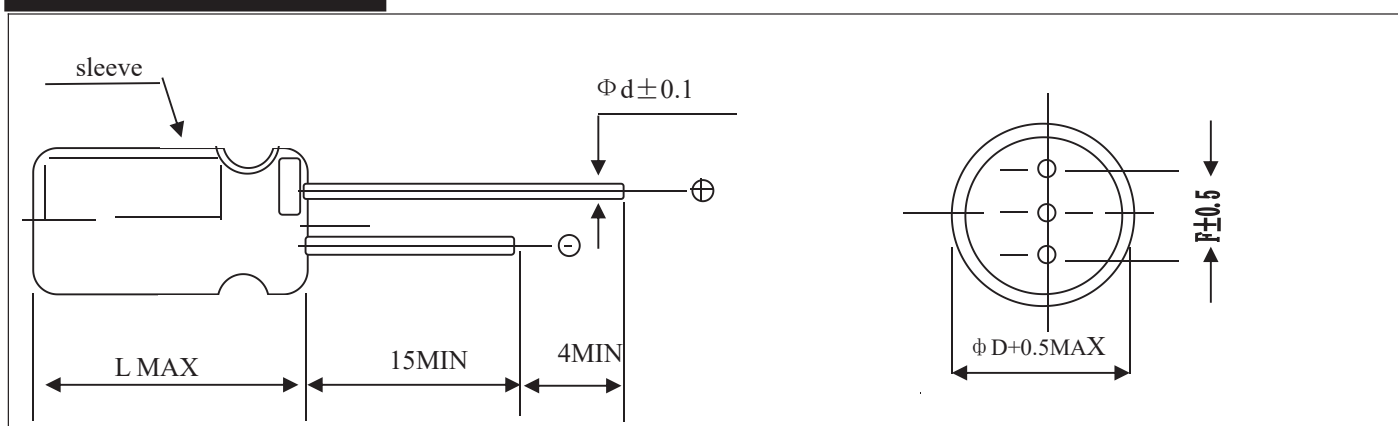
- 1、PF series for photo flash applications require not only superior volumetric efficiency but also low dissipation factor and low leakage current.
- 2、These capacitors effectively convert electrostatic energy into light.

SPECIFICATIONS

Item	Performance Characteristics
Operating Temperature Range	-25 to +55°C
Rated Working voltage Range	330V DC
Nominal Capacitance Range	60~300(uF)
Capacitance Tolerance	-10%~+20% (at 20°C, 120Hz)
Leakage Current	$I=1 \times C(\mu A)_{\max.}$ (After 5 minute)
Dissipation Factor $\tan \delta$ (120Hz+20°C)	Less than 0.06
Charge and discharge characteristics	Test conditions : For 5000 times at room temperature (5~35°C) Charge & discharge cycles : 30 sec Leakage current : $\leq 150\%$ of initial specified value Capacitance change : $\leq \pm 15\%$ of initial measured $\tan \delta$: $\leq 150\%$ of initial specified value
Shelf life	Test following specification shall be satisfied when the capacitors are restored to +20°C after exposing them for 1000 hours at 65°C without voltage applied Leakage current : $\leq 300\%$ of initial specified value Capacitance change : $\leq \pm 10\%$ of initial measured $\tan \delta$: $\leq 150\%$ of initial specified value
Others	JIS C-5141 JIS C-5102

CASE SIZE TABLE

Unit: mm



D Φ	11	12.5	14.5	16	18	20
F	5.0	5.0	7.5	7.5	7.5	7.5
d $\Phi \pm 0.05$	0.6	0.8	0.8	0.8	0.8	0.8

DIMENSIONS		$\Phi D \times L(mm)$				
ΦD Cap.(uF)	11	12.5	14.5	16	18	22
60	11×32	12.5×27				
80	11×40	12.5×32	14.5×25			
100	11×48	12.5×39	14.5×29	16×25		
120	11×55	12.5×43	14.5×33	16×28		
140		12.5×49	14.5×37	16×31	18×27	
150		12.5×53	14.5×39	16×32	18×28	
160			14.5×41	16×34	18×29	
180			14.5×46	16×37	18×31	
200			14.5×49	16×40	18×34	20×30
220			14.5×53	16×43	18×37	20×32
250				16×53	18×40	20×35
300					18×47	20×41