

# LARGE ALUMINUM ELECTROLYTIC CAPACITORS

## DF For Photo Flash Series

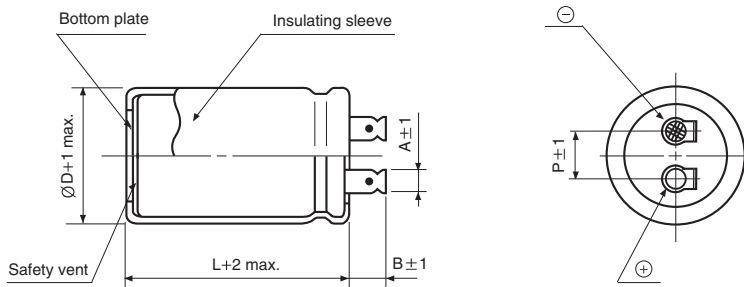
- For photo flash applications with lug terminal
- Low dissipation factor, low leakage current and high stability during the repetition of charge and discharge
- Complied to the RoHS directive



Item	Characteristics		
Operating temperature range	-20 ~ +55°C		
Capacitance tolerance	-10 ~ +20% at 120Hz, 20°C		
Leakage current max.	$I=1 \times C$ ( $\mu A$ ) (after 5 minutes), where C=Nominal capacitance ( $\mu F$ )		
Dissipation factor max. (at 120Hz, 20°C)	Capacitance range( $\mu F$ )	150 ~ 600	700 ~ 1500
	$\tan\delta$	0.10	0.15
Charge and discharge characteristics	Charge and discharge at rated voltage at 5~35°C with a switch sequence of 30 seconds for 5000 times via xenon flash tube with discharge resistance of 0.7~1.0Ω		
	Leakage current	Less than 150% of specified value	
	Capacitance change	Within $\pm 10\%$ of initial value	
	$\tan\delta$	Less than 150% of specified value	
Shelf life	After leaving capacitors under no load at 55°C for 1000 hours. The measurement shall be performed at 20°C by the KS C IEC 60384 - 4		
	Leakage current	Less than 300% of specified value	
	Capacitance change	Within $\pm 10\%$ of initial value	
	$\tan\delta$	Less than 150% of specified value	

### DRAWING

Unit : mm



	$\varnothing D=22$	$\varnothing D \geq 25.4$	$\varnothing D=40^*$
<b>A</b>	3.5	4.5	4.5
<b>B</b>	6.0	8.0	11.0
<b>P</b>	8.0	10.0	18.0

\* Note :  $\varnothing 40$  is available upon request. Please check with us individual size and dimensions.

### DIMENSIONS

$\varnothing D \times L$ (mm)

$\mu F$	wv $\varnothing D$	330 (SV : 350)				360 (SV : 390)			
		22	25.4	30	35	22	25.4	30	35
200									
250		22 × 25				22 × 30			
300		22 × 30				22 × 40	25.4 × 30		
350		22 × 35				22 × 40	25.4 × 35		
400		22 × 40	25.4 × 30			22 × 45	25.4 × 35		
450		22 × 40	25.4 × 35			22 × 50	25.4 × 40		
500		22 × 45	25.4 × 35				25.4 × 45	30 × 35	
600			25.4 × 40	30 × 35			25.4 × 50	30 × 40	
700			25.4 × 45	30 × 35			25.4 × 60	30 × 45	
800			25.4 × 50	30 × 40				30 × 50	35 × 40
900				30 × 45				30 × 55	35 × 45
1000				30 × 45	35 × 40			30 × 60	35 × 55
1200				30 × 55	35 × 45			30 × 70	35 × 55
1300				30 × 60	35 × 50				35 × 60
1500				30 × 70	35 × 55				35 × 70