

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



Item	Characteristics		
Operating temperature range	-20 ~ +55°C		
Capacitance tolerance	-10 ~ +20% at 120Hz, 20°C		
Leakage current max.	$I=1 \times C$ (μA) (after 5 minutes), where C=Nominal capacitance (μF)		
Dissipation factor max. (at 120Hz, 20°C)	Capacitance range(μF)	150 ~ 600	700 ~ 1500
	$\tan\delta$	0.07	0.10
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 0.7~1.0 Ω		
	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	This following specifications shall be satisfied when capacitors are restored to 20°C after exposing them for 1000 hours at 55°C without voltage applied.		
	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

● $\phi D \leq 20$

	$\phi D=14$	$\phi D \leq 18$	$\phi D=20$
W	1.5	2.5	2.5
α	0.5	0.5	1.0
β	1.0	1.0	2.0
A	5.0	4.0	4.0

● $\phi D \geq 22$

	$\phi D=22$	$\phi D \geq 25.4$	$\phi D=40^*$
A	3.5	4.5	4.5
B	6.0	8.0	11.0
p	8.0	10.0	18.0

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

LARGE ALUMINUM ELECTROLYTIC CAPACITORS

DF series

● DIMENSIONS

∅ D × L (mm)

WV (SV)	∅ D μF	14	16	18	20	22	25.4	30	35
		330 (350)							
150		14 × 36	16 × 30	18 × 25					
200		14 × 46	16 × 38	18 × 30	20 × 27				
250			16 × 45	18 × 36	20 × 30	22 × 27			
300				18 × 42	20 × 36	22 × 30			
350				18 × 46	20 × 39	22 × 33			
400					20 × 44	22 × 36	25.4 × 30		
450						22 × 42	25.4 × 33		
500						22 × 44	25.4 × 37		
600							25.4 × 42	30 × 33	
700							25.4 × 47	30 × 38	
800							25.4 × 54	30 × 42	
900							25.4 × 57	30 × 45	
1000								30 × 48	35 × 40
1200								30 × 58	35 × 45
1300								30 × 63	35 × 50
1500								30 × 70	35 × 55
360 (390)									
150		14 × 40	16 × 35	18 × 28					
200			16 × 45	18 × 36	20 × 30	22 × 27			
250				18 × 42	20 × 36	22 × 30			
300				18 × 48	20 × 39	22 × 36	25.4 × 30		
350					20 × 44	22 × 40	25.4 × 33		
400						22 × 42	25.4 × 35		
450						22 × 48	25.4 × 40		
500							25.4 × 44	30 × 35	
600							25.4 × 54	30 × 38	
700							25.4 × 57	30 × 45	
800								30 × 50	35 × 40
900								30 × 55	35 × 45
1000								30 × 58	35 × 55
1200								30 × 70	35 × 55
1300									35 × 60
1500									35 × 70