

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

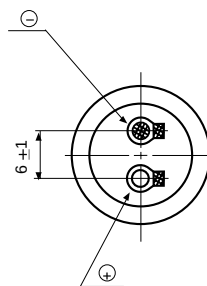
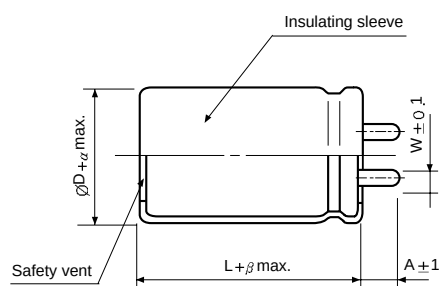


Item	Characteristics		
Operating temperature range	-20 ~ +55℃		
Capacitance tolerance	-10 ~ +20% at 120Hz, 20℃		
Leakage current max.	I=1×C (μA) (after 5 minutes), where C=Nominal capacitance (μF)		
Dissipation factor max. (at 120Hz, 20℃)	Capacitance range(μF)	150~600	601~1500
	tanδ	0.07	0.10
Charge and discharge characteristics	Charge and discharge at rated voltage at 5~35℃ 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 ±10% of initial value	
	tanδ	Less than 150% of specified value	
Shelf life	This following specifications shall be satisfied when capacitors are restored to 20℃ after exposing them for 1000 hours at 55℃ without voltage applied.		
	Leakage current	Less than 300% of specified value	
	Capacitance change	Within ±10% of initial value	
	tanδ	Less than 150% of specified value	

DRAWING

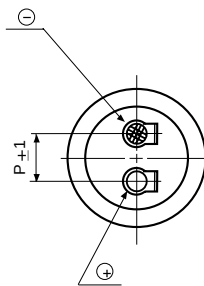
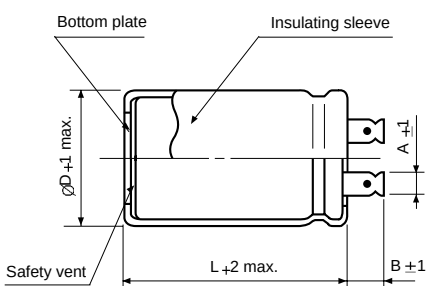
Unit : mm

• $\varnothing D \leq 20$



	$\varnothing D=14$	$\varnothing D \leq 18$	$\varnothing D=20$
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

• $\varnothing D \geq 22$



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

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

LARGE ALUMINUM ELECTROLYTIC CAPACITORS

DF series

● DIMENSIONS

 $\varnothing D \times L(\text{mm})$

WV (SV)	$\frac{\varnothing D}{\mu F}$	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