

# HS Series 55°C Photo Flash Application (闪光灯用)

- High stability
- Compact and light weight, for photoflash application
- RoHS Compliant

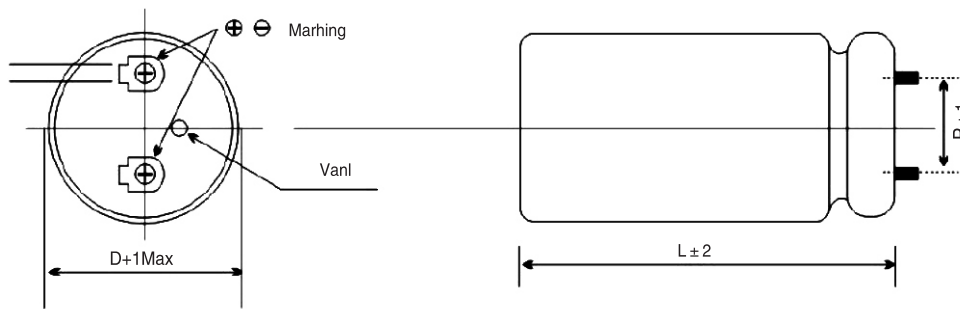


## SPECIFICATIONS AND CHARACTERISTICS IN BRIEF

Item	Performance Characteristics		
Standard	IEC 60384-4		
Temperature Range	-25°C to +55°C (Operating) -55°C to +85°C (Storage)		
Rated Working Voltage Range $U_R$	330V or 360V		
Surge Voltage $U_s$	$1.10 \times U_R$		
Nominal Capacitance Range	150µF to 1500µF		
Capacitance Tolerance	$\pm 20\%$ (120HZ, +20°C)		
Leakage Current $I_L$	$= 0.02 \times C_R \times U_R$ (µA) or 3mA whichever is the smaller. Note, $C_R$ is in µF.	Test Condition: $U_R$ , 5mins., 20°C	
tan $\delta$	Working Voltage(V)	330	360
	tan $\delta$ (max) (120HZ, +20°C)	0.15	0.15
Operational Life Time +55°C, $U_R$	Duration time 5000 Times Applied voltage Charge and discharge cycles: 30 Sec	End of Life Requirement: $\Delta C/C \leq \pm 15\%$ tan $\delta \leq 1.5 \times$ initial tan $\delta$ value $I_L \leq 1.5 \times$ initial specified value	
Shelf Life +55°C	After leaving capacitors under no load at 55°C for 1000 hours, Capacitors shall meet specified value for load life characteristics listed above.		
Others	If the capacitors are stored more than 1 year, the Leakage Current may increase. Please apply voltage through about 1 kΩ resistor, if necessary.		

## SPECIFICATIONS

Unit:mm



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STANDARD RATINGS														
Voltage (V)	330						Voltage (V)	360						
	D (mm)	20.0	22.0	25.0	30.0	35.0		Cap (μF)	D (mm)	20.0	22.0	25.0	30.0	35.0
Cap (μF)	P	8.0	10.0	10.0	10.0	10.0	Cap (μF)	P	8.0	10.0	10.0	10.0	10.0	
150	L(mm)	25					150	L(mm)	30	25				
180		30	25				180		35	30	25			
200		35	30	25			200		35	30	30			
250		40	30	30			250		40	35	30	25		
300		45	35	30	25		300		50	40	35	30		
350		50	40	35	25		350			45	40	30	25	
400			45	40	30	25	400			50	45	35	25	
450			50	45	30	25	450				50	35	30	
500				50	35	25	500					60	40	30
600				55	35	30	600						40	35
700					40	30	700						45	35
800					45	35	800						50	40
900					45	35	900						60	40
1000					50	40	1000						60	45
1200					60	45	1200							50
1300						45	1300							55
1500					50	1500						60		

Specifications are subject to change without notice. Should a safety or technical concern arise regarding the product, please be sure to contact our sales offices or agents immediately.