

HS Series

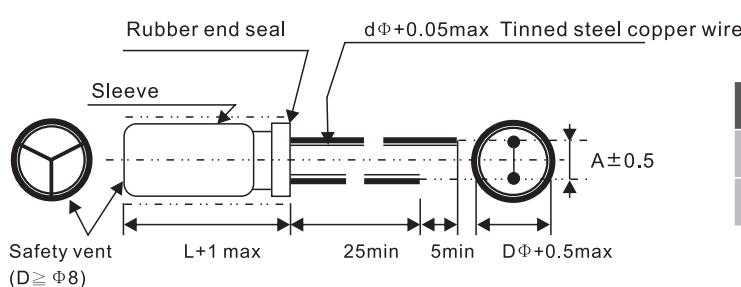
- 7mmL, height, 1000-hours- at 105 °C

- SPECIFICATIONS



Items	Characteristics								
Category	- 40 to +105°C								
Temperature Range									
Rated Voltage Range	4 to 63Vdc								
Capacitance Tolerance	± 20% (M) (at 20°C , 120Hz)								
Leakage Current	$I = 0.01CV$ or $3\mu A$, whichever is greater. Where, I :Max. Leakage current (μA). C: Nominal capacitance (μF). V :Rated voltage(V) (at 20°C , after 2 minutes)								
Dissipation Factor (tan δ)	Rated voltage (Vdc)	4V	6.3V	10V	16V	25V	35V	50V	63V
	tan δ (Max.)	0.35	0.22	0.19	0.16	0.14	0.12	0.10	0.08
	(at 20°C , 120Hz)								
Low Temperature Characteristics	Impedance ration max at 120Hz								
	Working voltage	4v	6.3v	10v	16v	25v	35v	50v	63v
	Z-25°C/ Z+20°C	7	4	3	2	2	2	2	2
	Z-40°C/ Z+20°C	15	10	8	6	4	4	4	4
Load. Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the voltage is applied for 1000 hours at 105°C								
	Capacitance change	$\leq \pm 20\%$ of the initial value							
	DF (tan δ)	$\leq 200\%$ of the initial specified value							
	Leakage current	\leq The initial specified value							
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied.								
	Capacitance change	$\leq \pm 20\%$ of the initial value							
	DF (tan δ)	$\leq 200\%$ of the initial specified value							
	Leakage current	\leq The initial specified value							
Ripple Current Multiplier	Temperature coefficient								
	Temperature(°C)	~55							
	Factor	2.20							
	Frequency coefficient								
	cap freq	50							
	~47	0.75							
	100~470	1.00							
		1.23							
		1.34							
		1.50							

- Diagram: (Unit: mm)



Body Dia	ΦD	4	5	6	8
Lead Dia	Φd	0.45	0.50	0.50	0.50
Lead Space	A	1.5	2.0	2.5	3.5

