

85°C 5000H Screw Aluminum Electrolytic Capacitors

STANDARD RATINGS

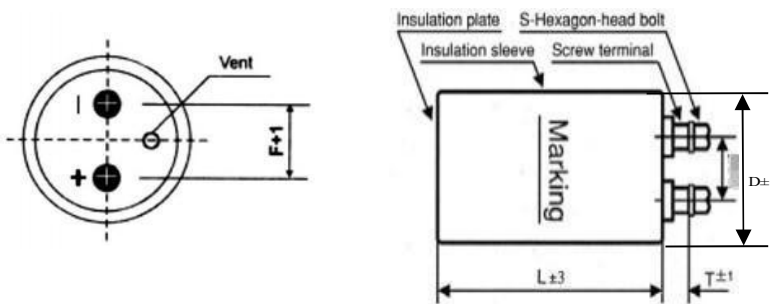
capacitance	Voltage	tolerance	dimension	Rated ripple current (at 120Hz,85°C)
(μF)	(V)	(%)	(mm)	(Arms)
10000	400	$\pm 20\%$	90*157	25.9

SPECIFICATIONS

Items	Performance Characteristics	
Rated Voltage Range (V)	400	
Operating Temperature Range (°C)	-25°C ~ +85°C	
Capacitance Tolerance (25°C 120Hz)	$\pm 20\%$	
Dissipation Factor (25°C,120Hz)	0.2	
Leakage Current (μA)	0.01CV or 5mA, whichever is smaller. (at 25°C,after 5 minutes) Where,C: Nominal capacitance (μF) V: Rated voltage(V)	
Load Life (+85°C)	Time	5000 hours
	Leakage Current	Not more than the specified value.
	Capacitance Change	Within $\pm 20\%$ of the initial value
	Dissipation Factor	Not more than 200% of the specified value.
Shelf Life (+85°C)	Time	500 hours
	Leakage Current	Not more than the specified value.
	Capacitance Change	Within $\pm 20\%$ of the initial value
	Dissipation Factor	Not more than 200% of the specified value.

After Test: U_R to be applied for 60 minutes, 24 to 48 hours before measurement

DIMENSIONS (mm)



(unit:mm)

$D_{\pm 1}$	$F_{\pm 1}$	S	$L_{\pm 3}$	$T_{\pm 1}$	Cap material
90	32	M5x10	157	6	Phenol

MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz)	50、60	120	300	1K	$\cong 10k$
Factor	0.7	1	1.1	1.3	1.4

Temperature coefficient:

Temperature(°C)	+40	+60	+85
Factor	1.89	1.67	1.0