

# RESISTOR & CAPACITOR

**LP**
**Series**

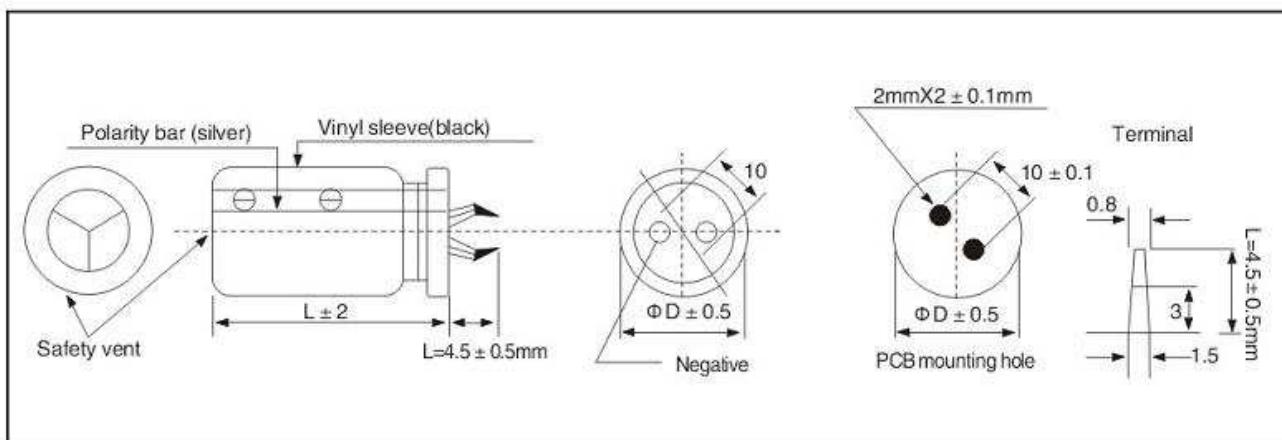
基板自立型電容器，85°C  
SNAP-IN SIZE 85°C CAPACITOR

- They are ideally suitable to be used in switching power supplies and other industrial or commercial applications.
- For printed circuit board high-performance aluminum electrolytic power supply and output filter capacitors

## SPECIFICATIONS

Items	Characteristics												
Category Temperature Range	-40 to +85°C										-25 to +85°C		
Rated Voltage Range	16 to 100V dc										160 to 450V dc		
Capacitance Tolerance	$\pm 20\% (M)$ (at 25°C, 120Hz)												
Leakage Current	$I=0.02CV(3mA \text{ max})$ , whichever is greater. (at 25°C after 2 minute) Where, I:Max. Leakage current( μA), C:Nominal capacitance( μF), V:Rated voltage(V)												
Dissipation Factor (tan δ )	Rated voltage (Vdc)	16V	25V	35V	50V	63V	80V	100V	160V	200V	250V	400V	450V
	Tan δ (Max.)	0.30	0.25	0.25	0.20	0.20	0.20	0.15	0.15	0.15	0.15	0.20	0.20
	When nominal capacitance exceeds 1000 μF, add 0.02 to the value above for each 1000 μF increase (at 25°C, 120Hz)												
Load.Life	The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated voltage applied for 2000 hours at 85°C												
	Capacitance change	$\leq \pm 20\%$ of the initial value											
	DF(tan δ )	$\leq 200\%$ of the initial specified value											
Shelf.Life	Leakage current	$\leq$ The initial specified value											
	The following specifications shall be satisfied when the capacitors are restored to 25°C after exposing them for 500 hours at 85°C without voltage applied at rated temperature.												
	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											

Diagram:(Unit:mm)





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### **STANDARD RATINGS (Case Size)**



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**LP** Series

## 基板自立型電容器，85°C SNAP-IN SIZE 85°C CAPACITORS

*STANDARD RATINGS/PERMISSIBLE RIPPLE CURRENT AT 120HZ, 85°C)(A.rms)*