

## 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 out put 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	± 20% (M) (at 25°C, 120Hz)	
Leakage Current	I=0.02CV(3mA max), whichever is greater. (at 25°C after 2minute) 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	≦ ± 20% of the initial value
	DF(tan δ)	≦ 200% of the initial specified value
	Leakage current	≦ The initial specified value
Shelf Life	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	≦ ± 20% of the initial value
	DF(tan δ)	≦ 200% of the initial specified value
	Leakage current	≦ The initial specified value

### Diagram: (Unit:mm)





