

Radial Lead Type

Series : HL



Features

- Low resistance
- 2.7 V.DC
- Guaranteed at 65 °C 2000 h
- Low temperature -40 °C guaranteed
- RoHS compliant

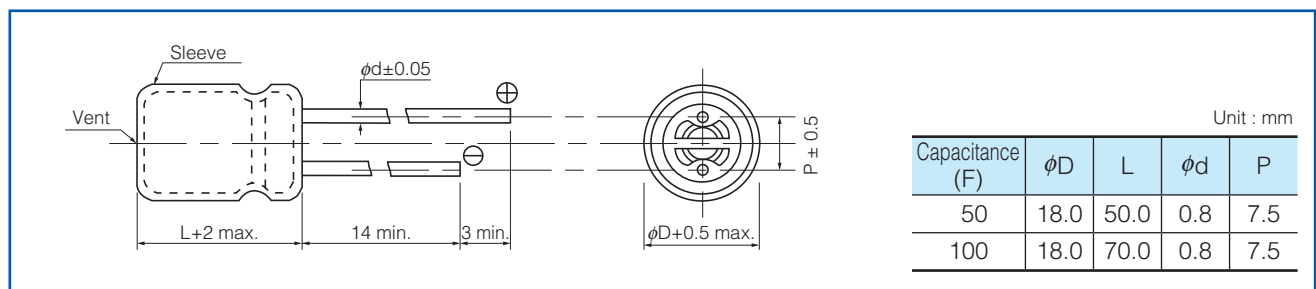
Recommended Applications

- Backup power supply of server, storage
- Driver assist of motor, actuator
- Auxiliary power supply of solar power (Road stand, Street light)

Specifications

Category temp. range	-40 °C to +65 °C	
Maximum operating voltage	2.7 V.DC	
Nominal cap. range	50 F	100 F
Characteristics at low temperature	Capacitance change	±30 % of initial measured value at +20 °C (at -40 °C)
	Internal resistance	≤ 7 times of initial specified value. (at -40 °C)
Endurance	After 2000 hours application of 2.7 V.DC at +65 °C	
	Capacitance change	Within ±30 % of the initial value
	Internal resistance	≤ 2 times of initial specified value.
Shelf life	After 1000 hours storage at +85 °C 1000 h without load (voltage)	
	Capacitance change	Within ±30 % of the initial value
	Internal resistance	≤ 2 times of initial specified value.

Dimensions (not to scale)



Characteristics list

Category temp. range (°C)	Maximum operating voltage (V.DC)	Capacitance (F)	Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω) at 1 kHz	Recommended *1 discharge current	Parts number	Mass (Reference value) (g)	Min. Packaging Q'ty (pcs)
-40 to +65	2.7	50	40 to 60	≤ 0.015	≤ 10 A	EECHL0E506	19	100
		*2 100	80 to 120	≤ 0.010	≤ 15 A	EECHL0E107	25	100

*1 The recommended discharge current is a reference value. Please design your equipment (circuit) in consideration of IR drop.
 *2 EECHL0E107 : Mass production scheduled to begin in April 2016.

Do not use reflow soldering. Please refer to the page of "Application guidelines".

Remark1: Install the space of 2 mm or more in the upper part of the product so as not to disturb the movement of the pressure valve.

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