



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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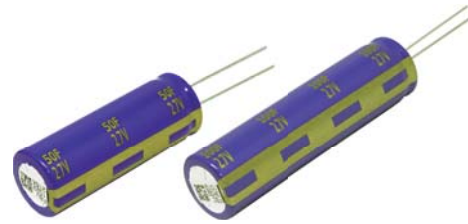
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### Radial Lead Type

Series : HL



#### Features

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

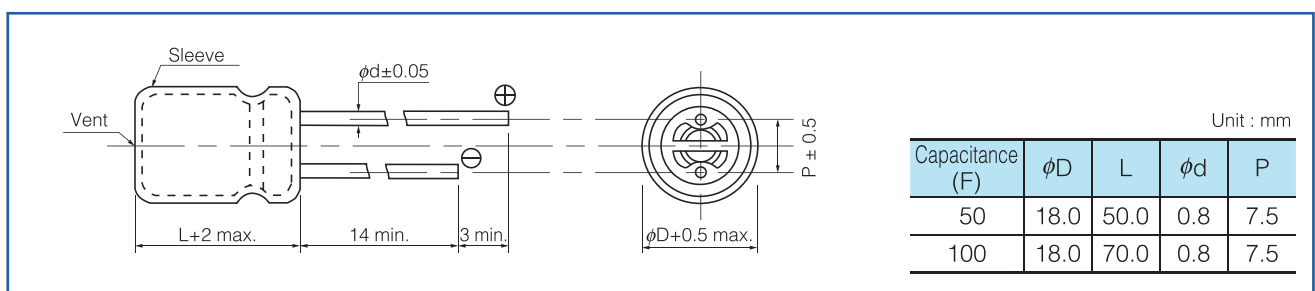
#### Recommended Applications

- 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 temprature	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
		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.

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.