

LSHC® 2.5V Series

Snap-in type terminal

Features and benefits



- Hybrid capacitor
- Long term reliable cycle life
- High Energy density
- Quick charge & discharge available

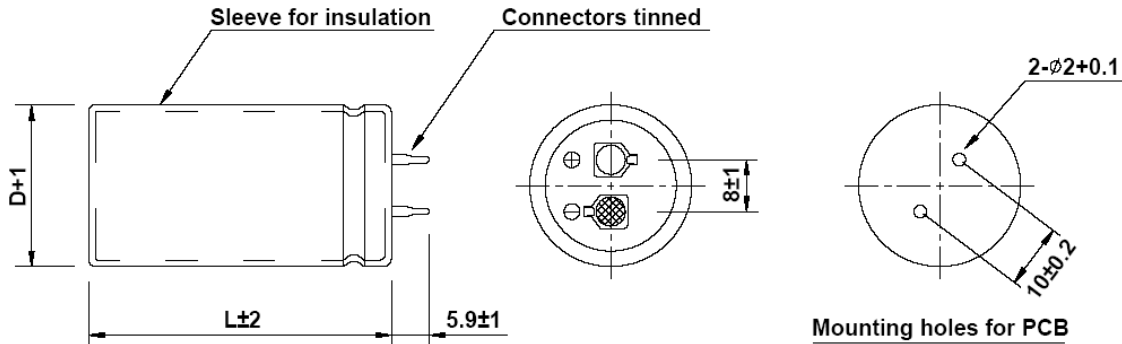
Typical Application

- Consumer application
- Short term UPS
- Windmill pitch control
- Power back up
- Solar application



Physical properties

Dimension in mm (not to scale)



Specification

| | | |
|-----------------------------|--|--|
| Rated Voltage | 2.5 V | |
| Surge Voltage | 2.7 V | |
| Capacitance Tolerance | -10% / 10% | |
| Resistance Tolerance | MAX. | |
| Operating temperature range | -25 ~ 60 °C | |
| Storage temperature range | -25 ~ 70 °C | |
| Life Time (25°C) | After 10 years at rated voltage and +25 °C | |
| | Capacitance change | Within 30% of initially specified value |
| Cycle Life (25°C) | After 500,000 cycles at +25 °C | |
| | Capacitance change | Within 30% of initially specified value |
| | Internal resistance change | Within 200% of initially specified value |

* Operating voltage range : 2.5 ~ 1.0V

Standard Ratings

| Capacitance (F) | Dimension (mm) | | Resistance(mΩ) | | Continuous Current (A) | Max. Current (A) | Leakage Current (mA) | Max. Stored Energy (Wh) | Weight (g) | Part number |
|-----------------|----------------|----|----------------|----|------------------------|------------------|----------------------|-------------------------|------------|----------------------|
| | D | L | (1kHz) | DC | | | | | | |
| 220 | 25 | 46 | 12 | 18 | 20 | 55 | < 0.5 | 0.19 | 27 | LSHC 002R5S 0220F EA |

LS Ultracapacitors have been Certified by **ISO/TS16949, ISO14001:2004, OHSAS18001:2007, UL**

Design, Specifications may change without notice.

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