

# LSHC<sup>®</sup> 2.5V Series

Screw in terminal

## Features and benefits



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

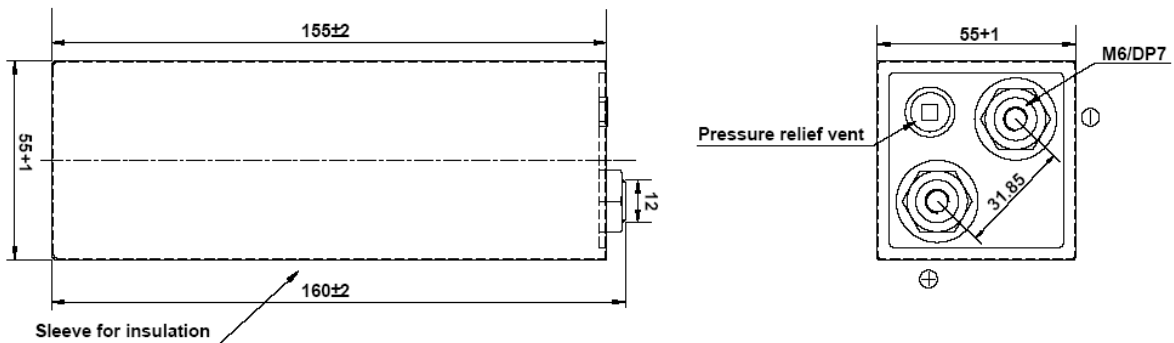
## Typical Application

- Consumer application
- Short term UPS
- Windmill pitch control
- Power back up
- Robotics memory 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%	
Resisistance 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
	Internal resistance change	Within 200% 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)		Max. Current (A)	Leakage Current (mA)	Max. Stored Energy (Wh)	Weight (g)	Part number
	D	W	L	(100Hz)	DC					
5400	55	55	155	0.40	0.50	1,824	< 10	4.67	760	LSHC 002R5P 5400F EA

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

Design, Specifications may change without notice.

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