

# Small Li-Ion Rechargeable Battery



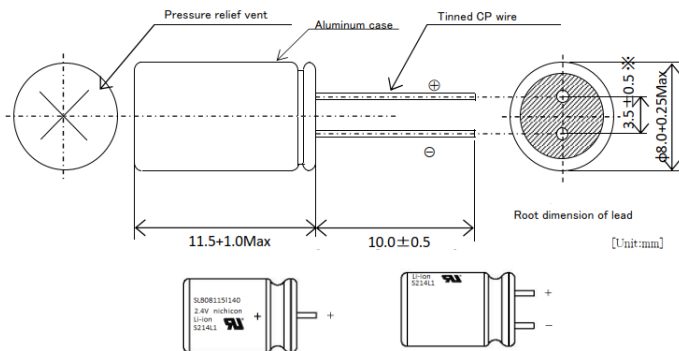
## SLB08115L140

- UL1642
- IEC62133-2: 2017 certified product

### ◆FEATURES

- Over 10000 cycles life time
- Support for 20C rate rapid charging/discharging
- Capable of charging at low rate (0.01C)
- Possible to use in cold regions (-30deg.C)
- Extremely low risk of rupture or ignition

### ◆DIMENSIONS

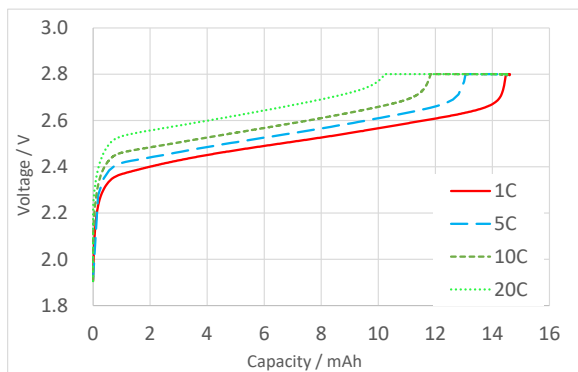


### ◆SPECIFICATIONS

|                               |               |
|-------------------------------|---------------|
| Nominal voltage               | 2.4V          |
| Maximum charging voltage      | 2.8V          |
| Minimum discharge voltage     | 1.8V          |
| Operational temperature range | -30°C ~ +60°C |
| Nominal capacity              | 14mAh         |
| ESR (at1kHz, 2.4V)            | Max. 0.24ohm  |
| Max. charge/discharge current | 280mA         |
| Energy density                | 58Wh/L        |
| Weight                        | 1.2g          |

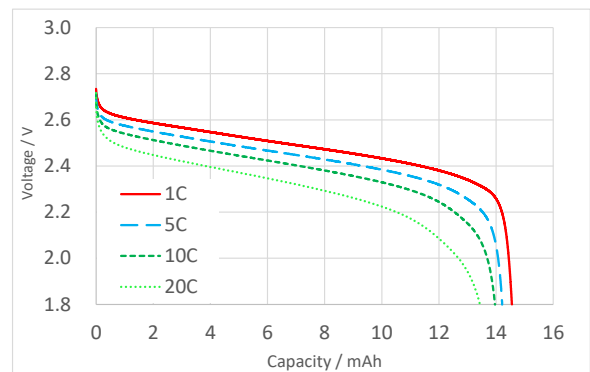
### ◆TYPICAL CHARACTERISTICS

Charge characteristics



Charge : CC-CV 1C, 2.8V, cut-off 0.05C at 25°C

Discharge characteristics



Charge : CC-CV 1C, 2.8V, cut-off 0.05C at 25°C  
Discharge: CC, cut-off 1.8V at 25°C

The data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty.

**Design, Specifications are subject to change without notice.**

**NICHICON CORPORATION**

July, 2021