

Small Li-Ion Rechargeable Battery

nichicon

SLB08115L140

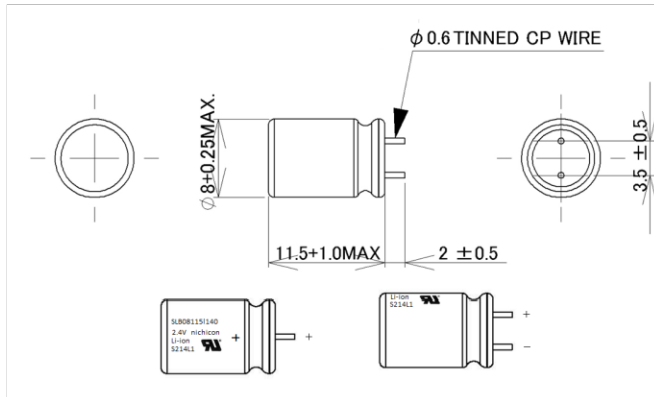
- UL1642
- IEC62133-2: 2017 certified product

◆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

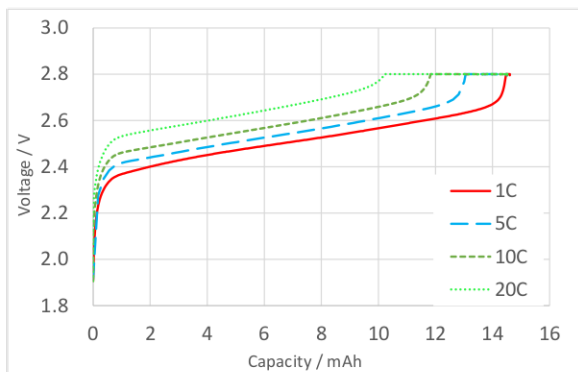


◆SPECIFICATIONS

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

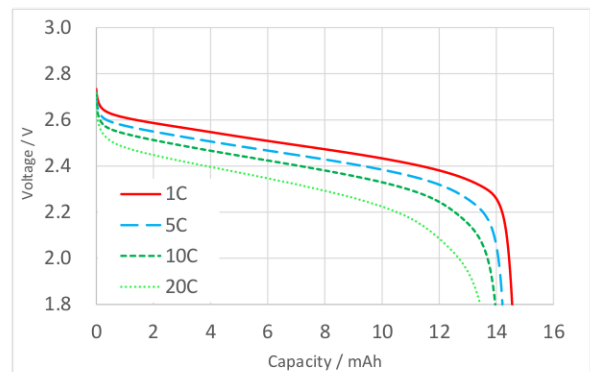
◆TYPICAL CHARACTERISTICS

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

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