## Small Lithium Ion Rechargeable Battery

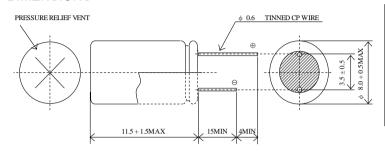
## SLB08115L140

# nichicon



- ·Support for 20C rate rapid charging/discharging
- ·Possible to charging and discharging even in cold regions
- ·Low explosion and ignition possibility even if an internal short circuit is forcibly generated
- •Over 10000 cycles life time

#### **◆**DIMENSIONS

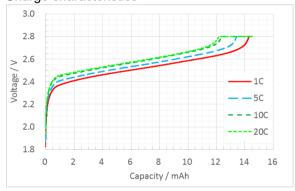


#### **♦**SPECIFICATIONS

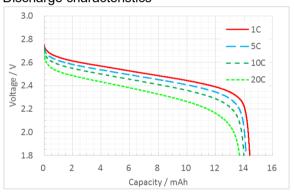
Nominal Voltage	2.4V
Charge-discharge voltage range	2.8V - 1.8V
Category Temperature range	-30°C to +60°C
Nominal Capacity	14mAh
ESR (at1kHz, 2.4V)	Max. 0.24 ohm
Max. discharge current	280mA
Energy density	58Wh/L
Weight	1.5g

#### **◆TYPICAL CHARACTERISTICS**

#### Charge characteristics



### Discharge characteristics



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

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**

Oct., 2020