

Small Lithium Titanate Rechargeable Battery

SLB08115H100

nichicon

High durability

◆SPECIFICATIONS

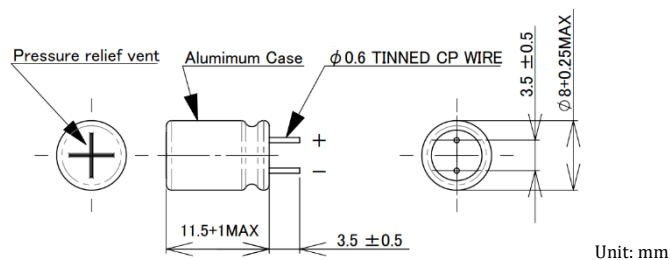
Operating temperature range	-30°C ~ +80°C
Nominal voltage	2.1V
Maximum charge voltage	2.5V
Discharge end voltage	1.5V
Nominal Capacity	10mAh
Rated Capacity	10mAh
Max charge/discharge current	200mA (20C)
Rated Energy content	21mWh
E.S.R. (at 1kHz, 2.11V)	0.2 ohm
Weight	1.3g



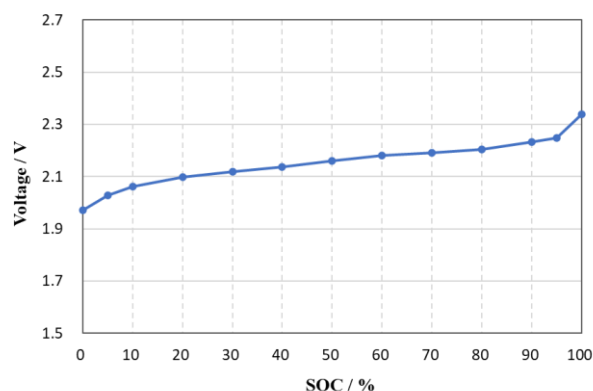
◆FEATURES

- Capable of operating in high-temperature environments at 80°C
- Support for 20C rate rapid charge/discharge
- Capable of charging at low rate (0.01C)
- Excellent cycle characteristics (10,000cycle_@25°C)
- Possible to use in cold regions (-30°C)
- Extremely low possibility of rupture or ignition

◆DIMENSIONS (example)

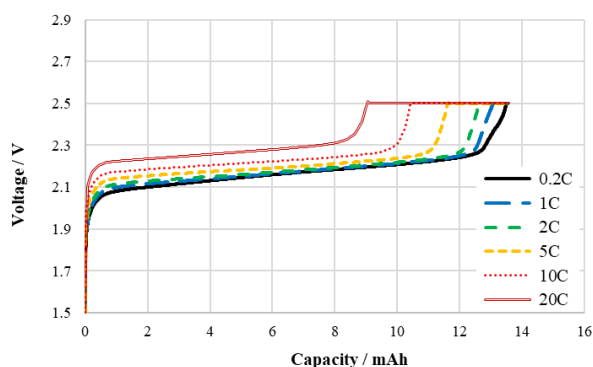


◆SOC-OCV Curve

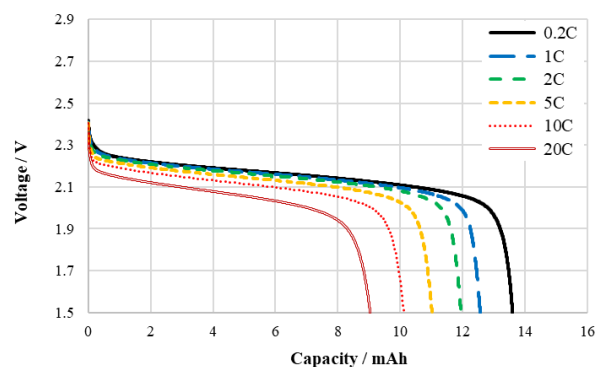


◆TYPICAL CHARACTERISTICS

Charge characteristics



Discharge characteristics



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