

Small Lithium Titanate Rechargeable Battery

SLB08115H100

nichicon

High durability

◆SPECIFICATIONS

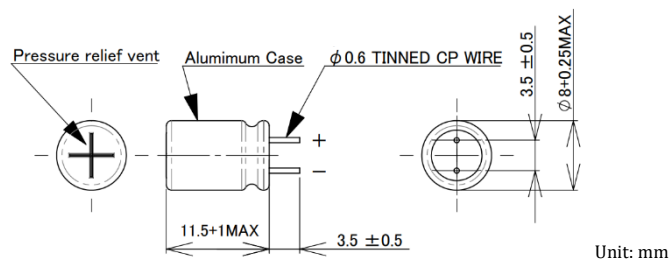
| | |
|------------------------------|---------------|
| Operating temperature range | -30°C ~ +80°C |
| Nominal voltage | 2.1V |
| Maximum charge voltage | 2.5V |
| Discharge end voltage | 1.5V |
| Nominal Capacity | 10mAh |
| Rated Capacity | 10mAh |
| Max charge/discharge current | 200mA (20C) |
|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



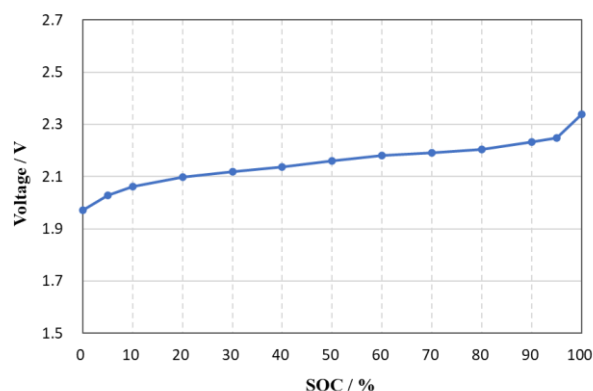
◆FEATURES

- 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)

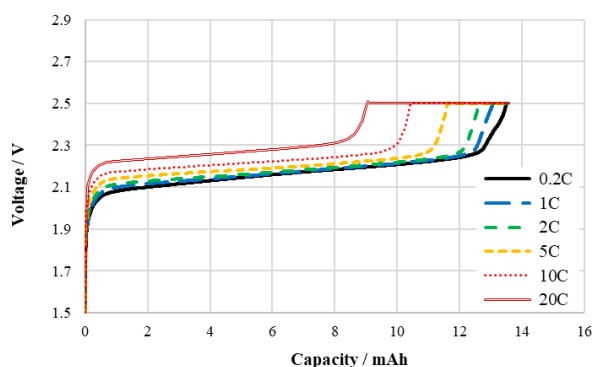


◆SOC-OCV Curve

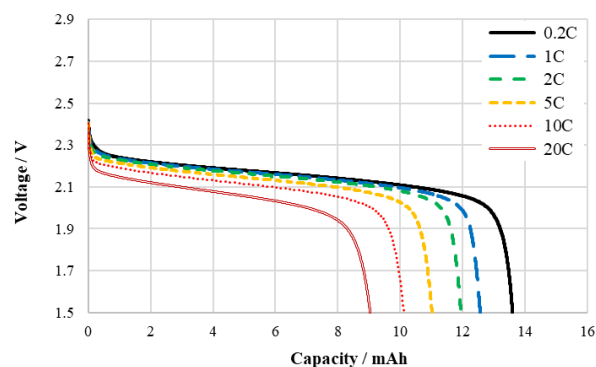


◆TYPICAL CHARACTERISTICS

Charge characteristics



Discharge characteristics



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NICHICON CORPORATION