

Small Lithium Titanate Rechargeable Battery

SLB08115L140

nichicon

◆SPECIFICATIONS

Operating temperature range	-30°C ~ +60°C
Nominal voltage	2.4V
Maximum charge voltage	2.8V
Discharge end voltage	1.8V
Nominal Capacity	14mAh
Rated Capacity	12mAh
Max charge/discharge current	280mA (20C)
Rated Energy content	28.8mWh
E.S.R. (at 1kHz, 2.4V)	0.2 ohm
Weight	1.2g

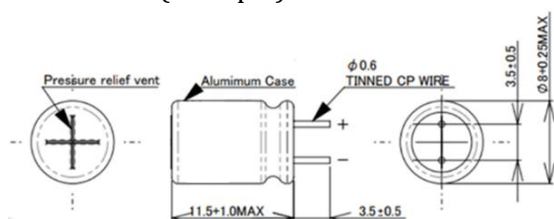
•UL1642

•IEC62133-2:2017 certified

◆FEATURES

- Capable of operating in high-temperature environments at 60°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

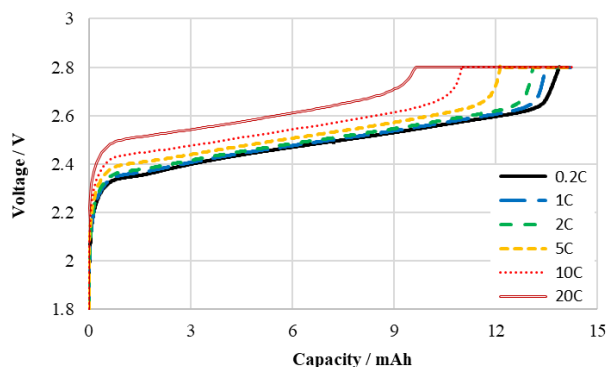
◆DIMENSIONS (example)



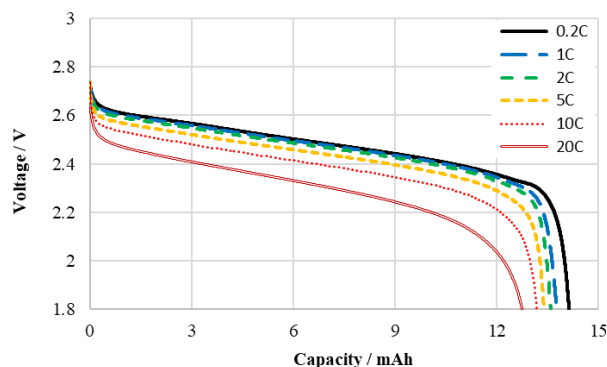
Unit : mm

◆TYPICAL CHARACTERISTICS

Charge characteristics



Discharge characteristics



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NICHICON CORPORATION



◆SOC-OCV Curve

