

Small Lithium Titanate Rechargeable Battery

SLB03090HR80

nichicon

High durability

◆SPECIFICATIONS

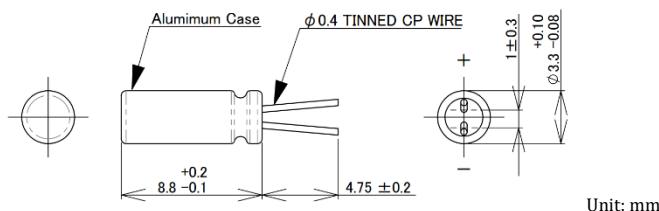
Operating temperature range	-30°C ~ +80°C
Nominal voltage	2.1V
Maximum charge voltage	2.5V
Discharge end voltage	1.5V
Nominal Capacity	0.8mAh
Rated Capacity	0.8mAh
Max charge/discharge current	16mA (20C)
Rated Energy content	1.68mWh
E.S.R. (at 1kHz, 2.15V)	4 ohm
Weight	0.2g



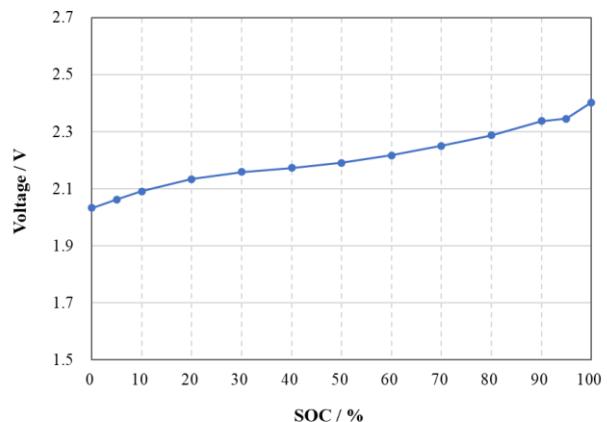
◆FEATURES

- 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 (5,000cycle_@25°C)
- Possible to use in cold regions (-30°C)
- Extremely low possibility of rupture or ignition

◆DIMENSIONS (example)

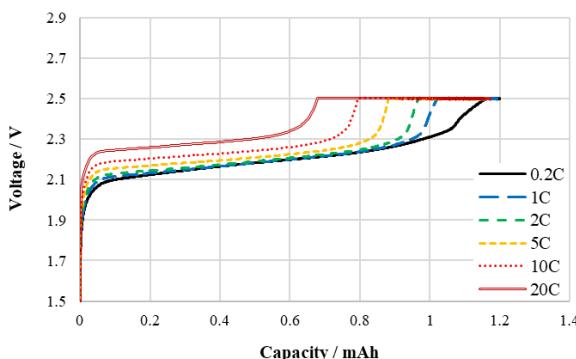


◆SOC-OCV Curve

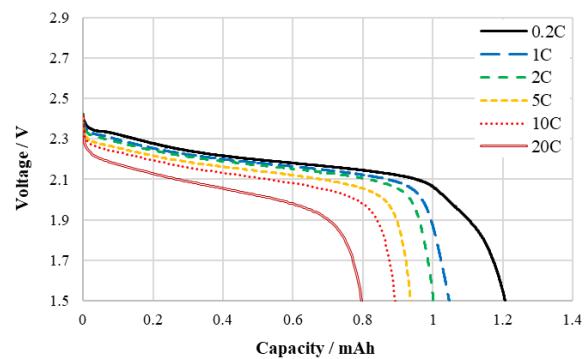


◆TYPICAL CHARACTERISTICS

Charge characteristics



Discharge characteristics



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