

Small Li-Ion Rechargeable Battery

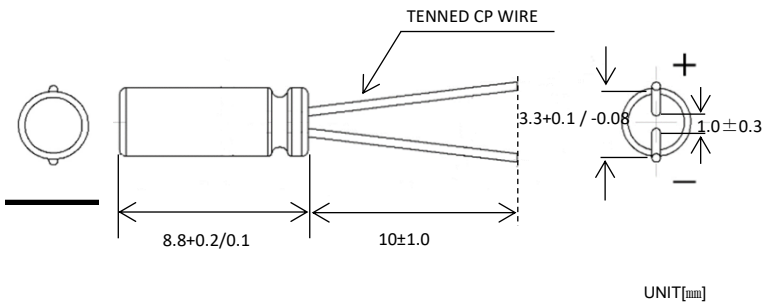
SLB03090LR80

- UL1642
- IEC62133-2: 2017 certified product

◆FEATURES

- Over 5000 cycles life time
- Support for 20C rate rapid charge/discharge
- Capable of charging at low rate (0.01C)
- Possible to use in cold regions (-30deg.C)
- Extremely low risk of rupture or ignition

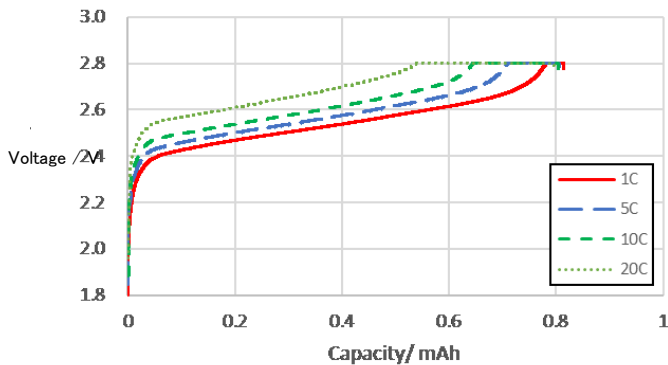
◆DIMENSIONS



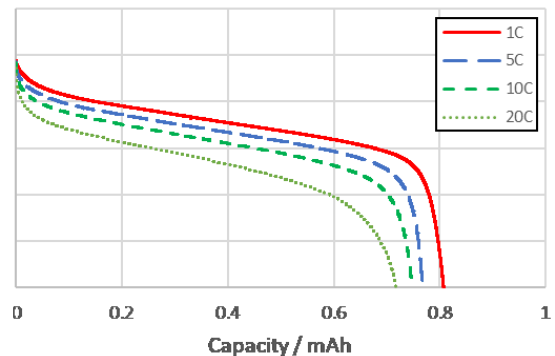
◆SPECIFICATIONS

Nominal voltage	2.4V
Maximum charging voltage	2.8V
Minimum discharge voltage	1.8V
Operational temperature range	-30°C ~ +60°C
Nominal capacity	0.8mAh
ESR (at1kHz, 2.4V)	Max. 8ohm
Max.charge/discharge current	16mA (20C)
Energy density	25Wh/L
Weight	0.16g

◆TYPICAL 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