



Advanced Battery & Charger Solutions

Technical Datasheet

Part No. U80526-1

Standard 1S1P 103450 Battery • 3.6V/2350mAh



Electrical Characteristics

Pack Configuration:	1S1P
Pack Capacity:	2350mAh (Typical)
Pack Voltage:	3.6V (2.75V to 4.2V)
Max Continuous Discharge:	2.35A @ -20°C to +60°C
Peak Discharge Current:	2.35A
Max Charge* Voltage:	4.2V ± 1%
Max Charge* Current:	1590mA
Initial Internal Impedance:	<150mΩ
Communications:	SMBus v1.1 compliant
Cell Chemistry:	NCA Lithium Ion

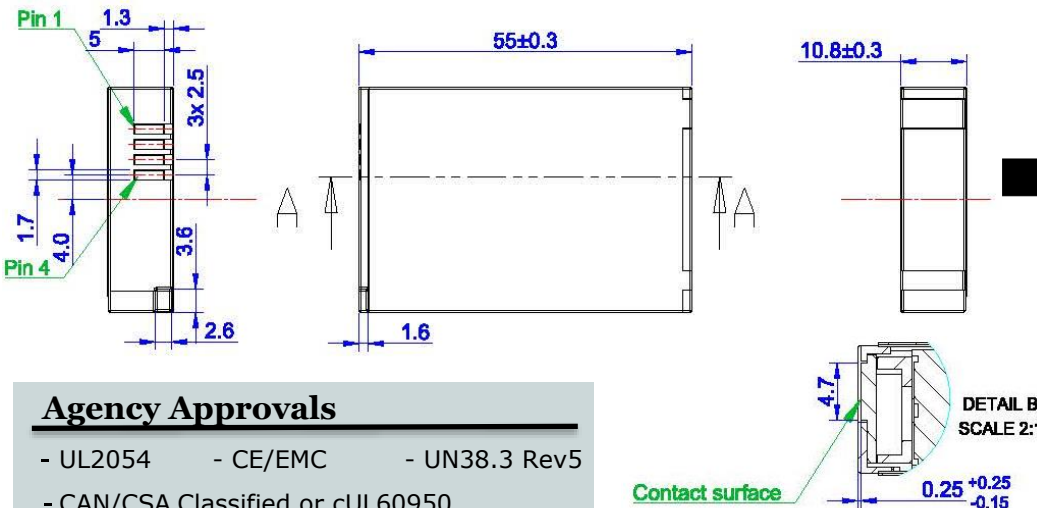


Temperature Characteristics

Charge:	0°C to +45°C
Discharge:	-20°C to +60°C
Storage:	-20°C to +60°C (<45°C recommended)

Physical Characteristics

Dimensions:	11.1 x 37.25 x 55.3mm (T x W x L)
Weight:	~45g
Enclosure Material:	PC/ABS Bayer FR3010, meets UL94 V-0 (1.5mm) standard
Mating Connector:	2.5mm Pitch Pin-outs: +, Thermistor, Thermistor GND, -



Agency Approvals

- UL2054 - CE/EMC - UN38.3 Rev5
- CAN/CSA Classified or cUL60950



*Please contact us to discuss charging solutions. Totex offers both off-the-shelf and custom chargers