

CC1150 3.7V 1.15Ah 4.2Wh
Rechargeable Lithium Ion
'mini' Credit Card Battery

Specifications

Table with 3 columns: Model, CC1150, and specifications for Capacity, Charging, Discharging, Storage, Cycle Life, Dimensions, Weight, Fuel Gauge, Termination, and Certification.

Notes

- 1. CVCC 4.20V, 0.5C charge to 0.05C current taper at +20°C.
- 2. 0.2C discharge to 3.0V within 1 hour of charge at +20°C.
- 3. 0.5C discharge to 3.0V within 1 hour of charge at +20°C.
- 4. Discharge performance degrades at lower temperatures, empirical testing in application is suggested to determine suitability.
- 5. To 80% of 0.2C minimum rated capacity.
- 6. Cycle life degrades at higher operating temperatures, empirical testing in application suggested to determine suitability.
- 7. Application should terminate discharge below this level.
- 8. Do not exceed this level.

The CC1150 is part of the Entellion range. Entellion products are smart, innovative portable power products, designed to meet the emerging needs of feature-laden devices in professional markets.

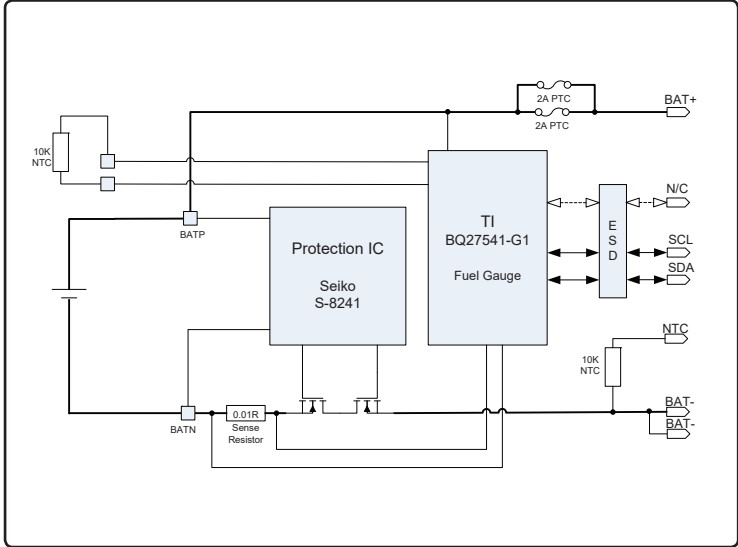
Features

- 3.7V high energy density Lithium Ion technology
- 'mini' credit card battery footprint (54.0mm x 54.0mm)
- Impedance tracking fuel gauge with I²C communication
- Active protection circuitry (OV, UV, OC, SC)
- Redundant passive over-current protection
- 7 position Tyco connector interface
- Tough plastic enclosure
- IEC 62133-2:2017 (safety) & UN 38.3 (transport) compliant
- CE marked (EMC/ESD compliance)
- Customisation to labelling, case colour and firmware possible

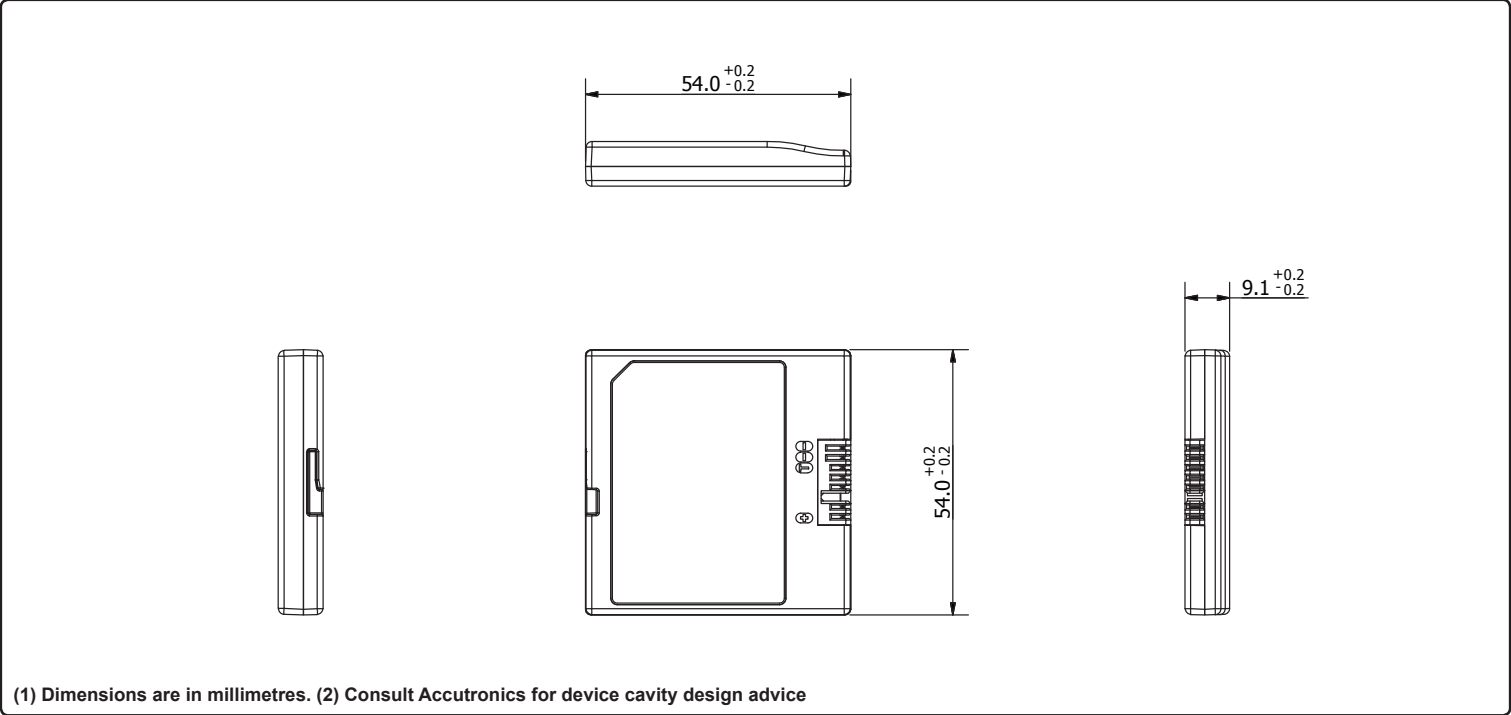
CC1150



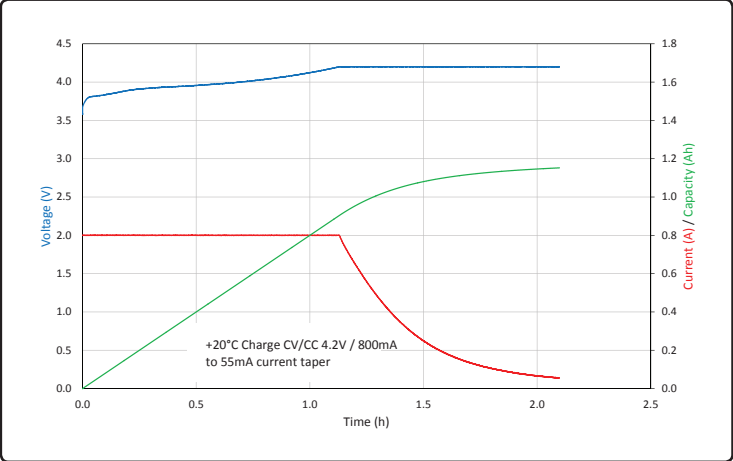
Block Diagram



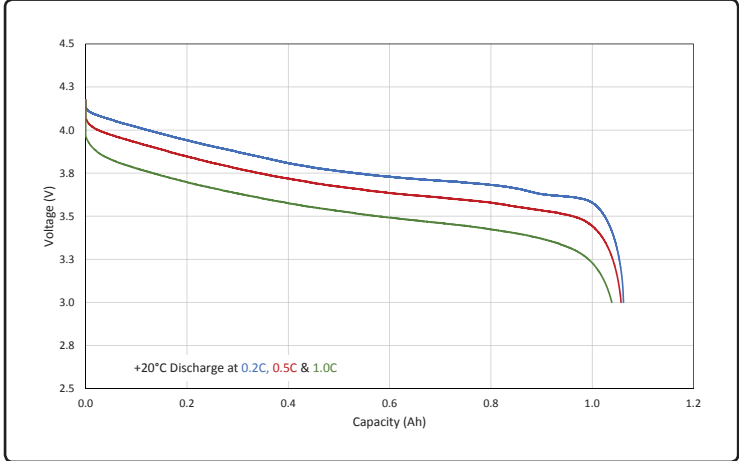
Mechanical Drawing



Typical Charge Characteristic



Typical Discharge Characteristic



Accessories

