### Specifications
- **Renata Type**: ICP401230
- **IEC Designation**: ICP051331
- **Part Number**: 100642
- **Contact Method**: Wire AWG 30
- **Safety Circuit**: Yes

#### Nominal Voltage
- 3.7 V

#### Nominal Capacity
- 130 mAh

#### Minimum Capacity
- 125 mAh
  - (0.2C cut off 3.0 V at 20°C)

#### Internal Impedance
- < 340 mΩ / 30% SOC

#### Thickness (t)
- Max 4.5 mm

#### Length (l)
- Max 31.0 mm

#### Width (w)
- Max 12.7 mm

#### Weight
- ~ 3.5 g

### Charging Characteristic
- **Voltage**: CC/CV – Constant Current / Constant Voltage
- **Current Normal**: 0.5 C CC – 65 mA
- **Max. Charging Current**: 1.0 C CC – 130 mA
- **Temperature at Charging**: 0 °C …. 45 °C

### Discharge Characteristic
- **Cut off Voltage**: 3.0 V
- **Max discharge Current**: 2.0 C – 260 mA (for non continues discharge)
  - 1.0 C – 130 mA (for continues discharge)
- **Temperature during Discharge**: -20 °C … 60 °C

#### Cycle Life at Room Temperature
- > 80% of minimum capacity after 500 cycles (0.5 C charge, 0.5 C discharge)

#### Storage Temperature
- -20 °C … 45 °C
  - (0 °C … 30 °C recommended in case of storage for more than 3 months)

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