ICP606168PRT
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
Safety Circuit with NTC

Specifications
Renata Type: ICP606168
IEC Designation: ICP076271
Part Number: 100758
Contact: Wire AWG 26
Safety Circuit: Yes with NTC

Nominal Voltage: 3.7 V
Nominal Capacity: 2800 mAh
Minimum Capacity: 2700 mAh (0.2C cut off 3.0 V at 20°C)
Internal Impedance: < 200 mΩ / 30% SOC

Thickness (t): Max 6.7 mm
Length (L): Max 71.0 mm
Width (w): Max 62.0 mm
Weight: ~ 70 g

Charging Characteristic
Voltage: 4.2 V CV
Current Normal: 0.5 C CC – 1400 mA
Max. Charging Current: 1.0 C CC – 2800 mA
Temperature at Charging: 0 °C …. 45 °C

Discharge Characteristic
Cut off Voltage: 3.0 V
Max Discharge Current: 0.8 C – 2240 mA (for continues discharge)
Temperature during Discharge: -20 °C … 60 °C

Cycle Life at Room Temperature: > 80% of minimum capacity after 300 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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