ICP543759PMT
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
With Safety Circuit, IEC62133 certified

Specifications
Renata Type: ICP543759
IEC Designation: ICP063861
Part Number: 100652
Contact Method: Wire AWG 30
Safety Circuit: Yes

Nominal Voltage: 3.7 V
Nominal Capacity: 1320 mAh
Minimum Capacity: 1260 mAh
(0.2C cut off 3.0 V at 20°C)

Internal Impedance: < 280 mΩ / 30% SOC

Thickness (t): Max 5.95 mm
Length (l): Max 61 mm
Width (w): Max 37.5 mm
Weight: ~ 26 g

Charging Characteristic
Voltage: CC/CV – Constant Current / Constant Voltage
Current Normal: 0.5 C CC – 660 mA
Max. Charging Current: 1.0 C CC – 1320 mA
Temperature at Charging: 0 °C …. 45 °C

Discharge Characteristic
Cut off Voltage: 3.0 V
Max Discharge Current: 2.0 C – 2640 mA (for non continues discharge)
1.0 C – 1320 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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