ICP402035
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

Specifications

Renata Type        ICP402035
IEC Designation    ICP052136
Part Number        100645
Contact Method:    Tabs
Safety Circuit:    No

Nominal Voltage    3.7 V
Nominal Capacity   195 mAh
Minimum Capacity   190 mAh
( 0.2C cut off 3.0 V at 20°C )

Internal Impedance < 120 mΩ / 30% SOC

Thickness ( t )    Max 4.5 mm
Length ( l )       Max 36.0 mm
Width ( w )        Max 20.5 mm
Weight             ~ 4.8 g

Charging Characteristic
Voltage           4.2 V CV
Current Normal    0.5 C CC – 97.5 mA
Max. Charging Current 1.0 C CC – 195 mA
Temperature at Charging 0 °C .... 45 °C

Discharge Characteristic
Cut off Voltage    3.0 V
Max Discharge Current 2.0 C – 390 mA (for non continues discharge )
1.0 C – 195 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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