ICP501421PS-01
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
Safety Circuit, IEC62133 certified

Specifications
Renata Type ICP501421
IEC Designation ICP061423
Part Number 100690
Contact Method Wire AWG 30
Safety Circuit Yes

Nominal Voltage 3.7 V
Nominal Capacity 115 mAh
Minimum Capacity 108 mAh
(0.2C cut off 3.0 V at 20°C )

Internal Impedance < 440 mΩ / 30% SOC

Thickness (t) Max 5.4 mm
Length (l) Max 23.0 mm
Width (w) Max 14.2 mm
Weight ~ 3.1 g

Charging Characteristic CC/CV – Constant Current / Constant Voltage
Voltage 4.2 V CV
Current Normal 0.5 C CC – 57.5 mA
Max. Charging Current 1.0 C CC – 115 mA
Temperature at Charging 0 °C …. 45 °C

Discharge Characteristic
Cut off Voltage 3.0 V
Max Discharge Current 2.0 C – 230 mA (for non continues discharge )
1.0 C – 115 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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