ICP303450PA-02
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
With Safety Circuit, IEC62133 certified

Specifications
Renata Type | ICP303450
IEC Designation | ICP043552
Part Number | 100701
Contact Method | Wire AWG 26
Safety Circuit | Yes

Nominal Voltage | 3.7 V
Nominal Capacity | 510 mAh
Minimum Capacity | 500 mAh
(0.2C cut off 3.0 V at 20°C)
Internal Impedance | < 230 mΩ / 30% SOC
Thickness (t) | Max 3.6 mm
Length (l) | Max 52.0 mm
Width (w) | Max 34.5 mm
Weight | ~ 10.8 g

Charging Characteristic
Voltage | CC/CV – Constant Current / Constant Voltage
Current Normal | 0.5 C CC – 255 mA
Max. Charging Current | 1.0 C CC – 510 mA
Temperature at Charging | 0 °C …. 45 °C

Discharge Characteristic
Cut off Voltage | 3.0 V
Max Discharge Current | 2.0 C – 1020 mA (for non continues discharge)
1.0 C – 510 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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