

ICP331319PM

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V Safety Circuit,

Specifications

Renata Type ICP331319 IEC Designation ICP041321 Part Number 100735 Contact Method: Wire AWG 30

Safety Circuit Yes

Nominal Voltage 3.7 V **Typical Capacity** 50 mAh 45 mAh Minimum Capacity

(0.2C cut off 3.0 V at

20°C)

Internal Impedance $< 730 \text{ m}\Omega / 30\% \text{ SOC}$

Thickness (t) Max 3.7 mm (after 500 cycles) Lenghth (I) Max 21.0 mm (after 500 cycles) Width (w) Max 12.8 mm (after 500 cycles)

Weight $\sim 2.0 g$

Charging Characteristic CC/CV - Constant Current / Constant Voltage

Voltage 4.2 V CV

Current Normal 0.5 C CC - 25 mA Max. Charging Current 1.0 C CC - 50 mA Temperature at Charging 0 °C 45 °C

Discharge Characteristic

Cut off Voltage 3.0 V

Max discharge Current 2.0 C – 100 mA (for non continues discharge)

1.0 C – 50 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)

-20 °C ... 45 °C Storage Temperature

(0 °C ... 30 °C recommended in case of storage for

more than 3 months)

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Dimensions

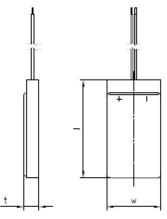


Illustration only. For detailed drawing please contact your sales

representative

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