

ICP281029HPG

Rechargeable Lithium Ion Polymer Cell 3.8 V

Specifications

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|------------------|--|
| Renata Type | ICP281029 |
| IEC Designation | ICP041131 |
| Part Number | 101024 |
| Contact Method: | Wire AWG 30 |
| Safety Circuit | No |
| | |
| Nominal Voltage | 3.8 V |
| Typical Capacity | 68 mAh |
| Minimum Capacity | 65 mAh (0.2C cut off 3.0 V at 20°C) |

Internal Impedance < 570 mΩ / 30% SOC

| | |
|-----------------|--------------------------------|
| Thickness (t) | Max 3.3 mm (after 500 cycles) |
| Length (l) | Max 30.5 mm (after 500 cycles) |
| Width (w) | Max 10.2 mm (after 500 cycles) |
| Weight | ~ 2.4 g |

Charging Characteristic

| | |
|---|------------------|
| CC/CV – Constant Current / Constant Voltage | 4.35 V CV |
| Voltage | 0.5 C CC – 34 mA |
| Current Normal | 1.0 C CC – 68 mA |
| Max. Charging Current | 0 °C 45 °C |
| Temperature at Charging | |

Discharge Characteristic

| | |
|------------------------------|---|
| Cut off Voltage | 3.0 V |
| Max discharge Current | 2.0 C – 136 mA (for non continues discharge) 1.0 C – 68 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)

Dimensions

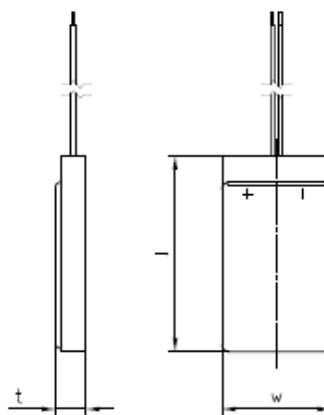


Illustration only. For detailed drawing please contact your sales representative.

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