

ICP651321PA

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

Safety Circuit

Specifications

| | |
|-----------------|-------------|
| Renata Type | ICP651321 |
| IEC Designation | ICP071323 |
| Part Number | 100696 |
| Contact Method: | Wire AWG 30 |
| Safety Circuit | Yes |

| | |
|--------------------|---|
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 120 mAh |
| Minimum Capacity | 110 mAh (0.2C cut off 3.0 V at 20°C) |
| Internal Impedance | < 370 mΩ / 50% SOC |

| | |
|-----------------|-------------|
| Thickness (t) | Max 6.6 mm |
| Length (l) | Max 23.0 mm |
| Width (w) | Max 13.0 mm |
| Weight | ~ 3.3 g |

Charging Characteristic

| | |
|-------------------------|---|
| Voltage | CC/CV – Constant Current / Constant Voltage |
| Current Normal | 4.2 V CV |
| Max. Charging Current | 0.5 C CC – 60.0 mA |
| Temperature at Charging | 1.0 C CC – 120 mA |
| | 0 °C 45 °C |

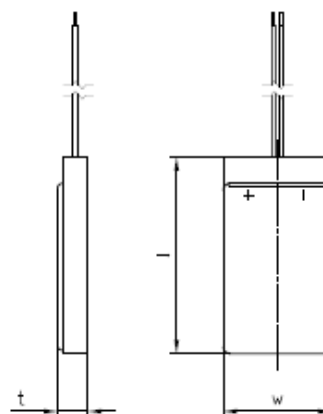
Discharge Characteristic

| | |
|------------------------------|--|
| Cut off Voltage | 3.0 V |
| Max discharge Current | 2.0 C – 240 mA (for non continues discharge) |
| | 1.0 C – 120 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



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