ICP651321PA-01
Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
Safety Circuit

Specifications

<table>
<thead>
<tr>
<th>Renata Type</th>
<th>ICP651321</th>
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<tr>
<td>IEC Designation</td>
<td>ICP071323</td>
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<tr>
<td>Part Number</td>
<td>100696</td>
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<td>Contact Method:</td>
<td>Wire AWG 30</td>
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<tr>
<td>Safety Circuit</td>
<td>Yes</td>
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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 | < 390 mΩ / 30% SOC  

Thickness (t) | Max 7.0 mm  
Length (l) | Max 23.5 mm  
Width (w) | Max 13.2 mm  
Weight | ~ 3.3 g  

Charging Characteristic

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

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