

# ICP521522PS

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V  
 Safety circuit, Connector, **IEC62133 certified**

## Specifications

Renata Type	ICP521522
IEC designation	ICP061624
Part Number	100935
Contact method	Molex Connector
Safety Circuit	Yes incl. Power down mode

Nominal Voltage	3.7 V
Nominal Capacity	130 mAh
Minimum Capacity	125 mAh ( 0.2C cut off 3.0 V at 20°C )

Internal Impedance < 410 mΩ / 30% SOC

Thickness ( t )	Max 5.7 mm
Length ( l )	Max 23.5 mm
Width ( w )	Max 15.5 mm
Weight	~ 3.4 g

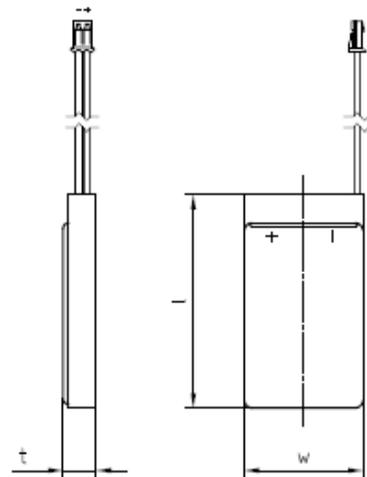
<b>Charging Characteristic</b>	CC/CV – Constant Current / Constant Voltage
Voltage	4.2 V CV
Current Normal	0.5 C CC – 65 mA
Max. Charging Current	1.0 C CC – 130 mA
Temperature at charging	0 °C .... 45 °C

## Discharge Characteristic

Cut off Voltage	3.0 V
Max discharge current	2.0 C – 260 mA (for non continues discharge) 1.0 C – 130 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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## Dimensions



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