

## ICP501230PS-03

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V  
Safety Circuit, Wire, IEC62133 certified

### Specifications

Renata Type	ICP501230
IEC designation	ICP061230
Part Number	100688
Contact method:	Tabs
Safety Circuit	On request
Nominal Voltage	3.7 V
Nominal Capacity	135 mAh
Minimum Capacity	130 mAh ( 0.2C cut off 3.0 V at 20°C )

Internal Impedance < 420 mΩ / 30% SOC

Thickness ( t )	Max 5.5 mm
Length ( l )	Max 31.50 mm
Width ( w )	Max 12.0 mm
Weight	~ 3.3 g

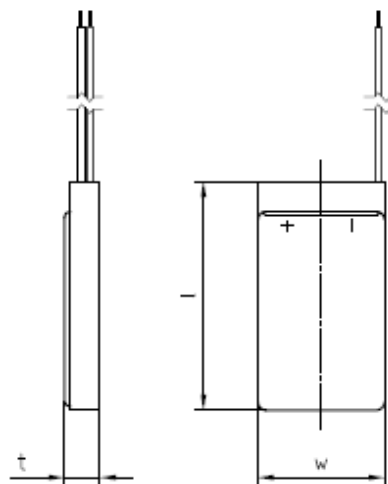
### Charging Characteristic

CC/CV – Constant Current / Constant Voltage	
Voltage	4.2 V CV
Current Normal	0.5 C CC – 67.5 mA
Max. Charging Current	1.0 C CC – 135 mA
Temperature at Charging	0 °C .... 45 °C

### Discharge Characteristic

Cut off Voltage	3.0 V
Max Discharge Current	2.0 C – 270 mA ( for non continues discharge ) 1.0 C – 135 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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