

# ICP543759PMT

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

With Safety Circuit, **IEC62133 certified**

## Specifications

Renata Type	ICP543759
IEC Designation	ICP063861
Part Number	100652
Contact Method	Wire AWG 30
Safety Circuit	Yes

Nominal Voltage	3.7 V
Nominal Capacity	1320 mAh
Minimum Capacity	1260 mAh ( 0.2C cut off 3.0 V at 20°C )
Internal Impedance	< 280 mΩ / 30% SOC

Thickness ( t )	Max 5.95 mm
Length ( l )	Max 61 mm
Width ( w )	Max 37.5 mm
Weight	~ 26 g

## Charging Characteristic

Voltage	CC/CV – Constant Current / Constant Voltage
Current Normal	4.2 V CV
Max. Charging Current	0.5 C CC – 660 mA
Temperature at Charging	1.0 C CC – 1320 mA
	0 °C .... 45 °C

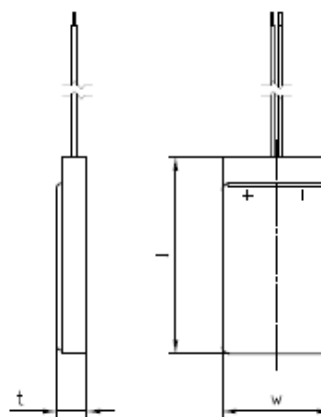
## Discharge Characteristic

Cut off Voltage	3.0 V
Max Discharge Current	2.0 C – 2640 mA ( for non continues discharge )
	1.0 C – 1320 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 )
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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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