

## 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  $< 280 \text{ m}\Omega / 30\% \text{ SOC}$ 

Thickness (t) Max 5.95 mm
Lenghth (I) Max 61 mm
Width (w) Max 37.5 mm

Weight ~ 26 g

## CC/CV – Constant Current / Constant Voltage

Voltage 4.2 V CV

Current Normal 0.5 C CC - 660 mAMax. Charging Current 1.0 C CC - 1320 mA

Temperature at Charging 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)

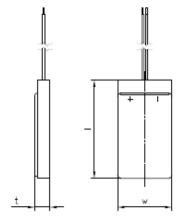
Storage Temperature -20 °C ... 45 °C

( 0 °C ... 30 °C recommended in case of storage for

more than 3 months)

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**Dimensions** 



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