

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

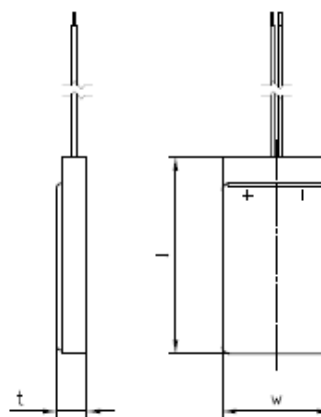
Discharge Characteristic

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)
--------------------------------	--

Storage Temperature	-20 °C ... 45 °C (0 °C ... 30 °C recommended in case of storage for more than 3 months)
---------------------	---

Dimensions



Information and contents in this data sheet are for reference purpose only. They do not constitute any warranty or representation and are subject to change without notice. For most current information and further details, please contact your Renata representative. For safety related information please consult the ASDS document related to that product or product family. The Products of Renata SA are neither designed nor authorized for use in certain areas of application of environment. For further details we refer to our webpage www.renata.com/downloads/restriction_of_use

Rev. ICP543759 V02 08/2019

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Renata:

[ICP543759PMT](#)