

# ICP621333HPMT

Rechargeable Lithium Ion Polymer Battery Pack 3.8 V  
Safety Circuit, NTC

## Specifications

Renata Type	ICP621333
IEC Designation	ICP071335
Part Number	101027
Contact Method:	Wire AWG 30
Safety Circuit	Yes, incl. NTC

Nominal Voltage	3.8 V
Typical Capacity	270 mAh
Minimum Capacity	260 mAh (0.2C cut off 3.0 V at 20°C)

Internal Impedance < 330 mΩ / 30% SOC

Thickness ( t )	Max 6.8 mm (after 500 cycles)
Length ( l )	Max 35 mm (after 500 cycles)
Width ( w )	Max 13 mm (after 500 cycles)
Weight	~ 5.6 g

## Charging Characteristic

Voltage	CC/CV – Constant Current / Constant Voltage
Current Normal	4.35 V CV
Max. Charging Current	0.5 C CC – 135 mA
Temperature at Charging	1.0 C CC – 270 mA
	0 °C .... 45 °C

## Discharge Characteristic

Cut off Voltage	3.0 V
Max discharge Current	2.0 C – 540 mA ( for non continues discharge )
	1.0 C – 270 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

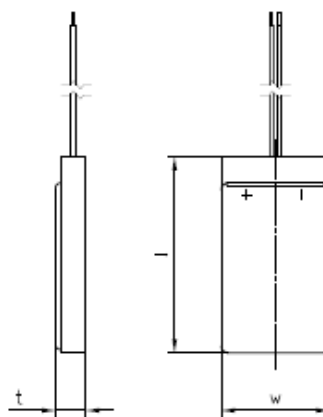


Illustration only. For detailed drawing please contact your sales representative.

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