

# ICP401835TPRT

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V  
Safety Circuit, NTC

## Specifications

Renata Type	ICP401835
IEC Designation	ICP051937
Part Number	101026
Contact Method:	Wire AWG 30
Safety Circuit	Yes, incl. NTC

Nominal Voltage	3.7 V
Typical Capacity	215 mAh
Minimum Capacity	205 mAh (0.2C cut off 3.0 V at 20°C)

Internal Impedance < 320 mΩ / 30% SOC

Thickness ( t )	Max 4.4 mm (after 500 cycles)
Length ( l )	Max 37.0 mm (after 500 cycles)
Width ( w )	Max 18.2 mm (after 500 cycles)
Weight	~ 5.4 g

## Charging Characteristic

CC/CV – Constant Current / Constant Voltage	
Voltage	4.2 V CV
Current Normal	0.5 C CC – 107.5 mA
Max. Charging Current	1.0 C CC – 215 mA
Temperature at Charging	0 °C .... 45 °C

## Discharge Characteristic

Cut off Voltage	3.0 V
Max discharge Current	2.0 C – 430 mA ( for non continues discharge ) 1.0 C – 215 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

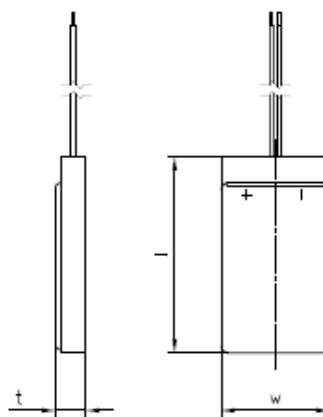


Illustration only. For detailed drawing please contact your sales representative.

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