

# ICP422339PR

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

Safety circuit, Connector, **IEC62133 certified**

## Specifications

Renata Type	ICP422339
IEC designation	ICP052441
Part Number	100648
Contact method	Molex Connector
Safety Circuit	Yes

Nominal Voltage	3.7 V
Nominal Capacity	340 mAh
Minimum Capacity	330 mAh ( 0.2C cut off 3.0 V at 20°C )

Internal Impedance < 240 mΩ / 30% SOC

Thickness ( t )	Max 4.6 mm
Length ( l )	Max 40.5 mm
Width ( w )	Max 23.5 mm
Weight	~ 7.3 g

## Charging Characteristic

CC/CV – Constant Current / Constant Voltage	
Voltage	4.2 V CV
Current Normal	0.5 C CC – 170 mA
Max. Charging Current	1.0 C CC – 340 mA
Temperature at charging	0 °C .... 45 °C

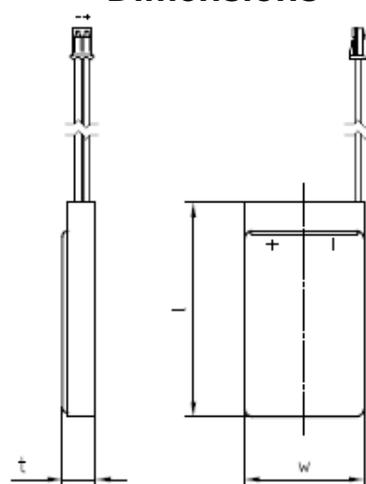
## Discharge Characteristic

Cut off Voltage	3.0 V
Max discharge current	2.0 C – 680 mA ( for non continues discharge ) 1.0 C – 340 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



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