

ICP422339PR-01

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	~ 2.6 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

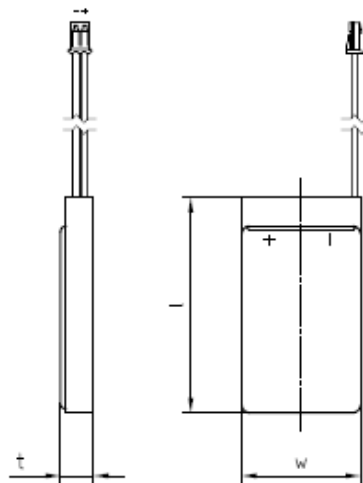
Discharge Characteristic

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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