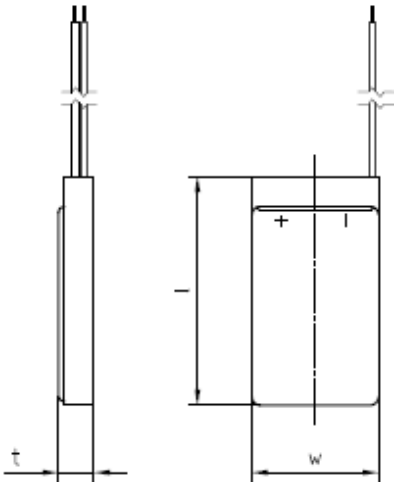
ICP331319PM

Rechargeable Lithium Ion Polymer Battery Cell 3.7 V
Safety Circuit

Specifications

Renata Type	ICP331319
IEC Designation	ICP041321
Part Number	100735
Contact Method:	Wire
Safety Circuit	Yes
Nominal Voltage	3.7 V
Nominal Capacity	50 mAh
Minimum Capacity	45 mAh (0.2C cut off 3.0 V at 20°C)
Internal Impedance	< 730 mΩ / 3+0% SOC
Thickness (t)	Max 3.75 mm
Lenghth (l	Max 20.3 mm
Width (w)	Max 12.6 mm
Weight	~ 2.0 g
Charging Characteristic	CC/CV – Constant Current / Constant Voltage
Voltage	4.2 V CV
Current Normal	0.5 C CC – 25.0 mA
Max. Charging Current	1.0 C CC – 50 mA
Temperature at Charging	0 °C …. 45 °C
Discharge Characteristic	
Cut off Voltage	3.0 V
Max Discharge Current	2.0 C – 100 mA (for non continues discharge) 1.0 C – 50 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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