

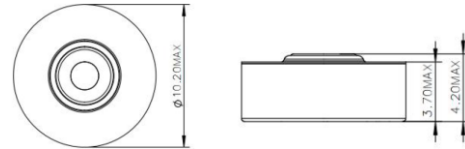
# ICR1042 B4 Datasheet

Rechargeable Lithium Ion Coin Cell 3.85 V

## Specifications

Renata Type	ICR1042 B4
Nominal Voltage	3.85 V
Nominal Capacity	38 mAh
Minimum Capacity	36 mAh ( 0.2C cut off 3.0 V at 23°C )
Internal Impedance Initial	< 800 mΩ appr. 1 kHz (60% SOC)
Weight	~ 1.1 g

## Dimensions



<b>Charging Characteristic</b>	CC/CV – Constant Current / Constant Voltage
Voltage	4.4 V
Current Normal	0.2 C CC – 7.2 mA
Cut-Off Current	0.05 C – 1.8 mA
Max. Charging Current	2.0 C CC – 72 mA
Temperature at Charging	0 °C .... 45 °C

## Discharge Characteristic

Cut-Off Voltage	3.0 V
Max. Cont. Discharge Current	1.0 C – 36 mA
Temperature during Discharge	-20 °C ... 60 °C
Cycle Life at Room Temperature	> 80% of minimum capacity after 1'000 cycles

## Storage at SOC 30% SOC

1 month	Up to - 55 °C
3 month	Up to - 45 °C
1 Year	-20 to - 25 °C

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