

ICR2430 Datasheet

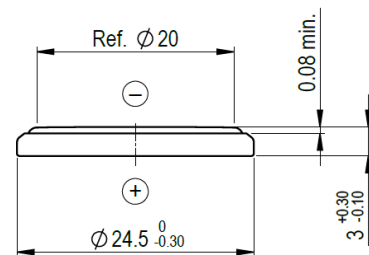
Rechargeable Lithium Ion Coin Cell 3.7 V

Swiss Made

Specifications

| | |
|----------------------------|--|
| Renata Type | ICR2430 |
| IEC 61960-3 Designation | INR25/4 |
| Part Number | 704047 |
| Contact Method | Gold-plated Metal Case |
| Safety Circuit | No |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 100 mAh |
| Minimum Capacity | 95 mAh (0.2C cut off 3.0 V at 23°C) |
| Internal Impedance Initial | < 500 mΩ @ AC 1kHz |
| Weight | ~ 4.2 g |

Dimension



Charging Characteristic

| | |
|-------------------------|-------------------|
| Current Normal | 0.5 C CC – 50 mA |
| Voltage | 4.2 V CV |
| Cut-Off Current | 0.02 C – 2 mA |
| Max. Charging Current | 1.0 C CC – 100 mA |
| Temperature at Charging | 0 °C 45 °C |

Discharge Characteristic

| | |
|------------------------------|------------------|
| Cut-Off Voltage | 3.0 V |
| Max. Discharge Current | 2.0 C – 200 mA |
| Temperature during Discharge | -20 °C ... 60 °C |

Cycle Life at Room Temperature > 80% of min. capacity after 500 cycles
(0.5C CC/CV charge, 0.2C discharge)

Storage Temperature -20 °C ... 45 °C
(0 °C ... 30 °C recommended in case of storage for more than 3 months)

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