

CP042350

Primary Lithium / Manganese Dioxide Battery 3V
Swiss Made

Technical Data Sheet

Specifications

Renata Type CP042350
IEC 60086 Designation CP55E
Contact Method: Stainless-Steel tabs
Optional: Tin over Nickel plated tabs

Chemical system Li/MnO₂
Nominal Voltage 3.0 V
Rated Capacity 28.0 mAh
(4.8kΩ at 23°C to cut off 2.0V)
Bendability > 1000 cycles / Ø 50mm
(During discharge)

Internal Resistance < 30Ω (at 50% SOC and 23°C) DC pulse of 12.5 mA, 1 s

Thickness (t) 0.42 mm (±0.03mm)
Length (l) 50.1 mm (±0.2mm)
Width (w) 23.1 mm (±0.2mm)
Average Weight ~ 0.86 g

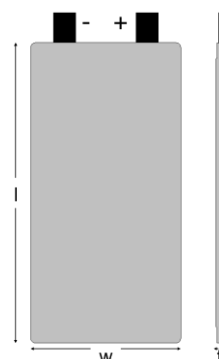
Discharge Characteristic

Cut off Voltage 2.0 V
Max discharge Current 0.625 mA (for continuous discharge)
12.5 mA (for non continuous discharge)

Operating/Storage Temperature -40°C ... +60°C
(0°C - 30°C recommended in case of storage for more than 3 months)

Self Discharge at 23°C < 5% / year

Dimensions



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