Data Sheet

Lithium Manganese Dioxide Rechargeable Battery

ML2032

Model
System
Nominal Voltage (V)
Nominal Capacity (mAh)*
Nominal Discharge Current (µA)
Charge, Discharge Cycle Lifetime
Discharge Depth of 10%
Discharge Depth of 20%
Operating Temperature Range (deg. C)
Weight (g)**
Dimensions (mm)**
Diameter
Height
UL Recognition

ML2032
Li-Al Alloy-Manganese Dioxide/Organic Electrolyte
3
65
200
1,000 (6.5 mAh discharge) (total capacity 6,500 mAh)
300 (13 mAh discharge) (total capacity 3,900 mAh)
–20 to +60
3.0
20
3.2
MH12568

Characteristics

● Discharge Characteristics

● Temperature Characteristics

● Relationship between Discharge Current and Duration Time

● High Rate Discharge Characteristics

Discharge final voltage: 2V  Temperature: 20 deg. C

Discharge load: 15kΩ

Discharge duration time (h)

Discharge current (µA)

Discharge duration time (h)

Discharge duration time (h)

Discharge duration time (h)
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Characteristics

** Over Charge Characteristics **

![Graph showing over charge characteristics]

** Storage Characteristics **

![Graph showing storage characteristics]

** Charge/Discharge Cycle Performance **

![Graph showing charge/discharge cycle performance]

** Self-discharge Characteristics **

![Graph showing self-discharge characteristics]

- Nominal capacity indicates duration until the voltage drops down to 2.0V when discharged at a nominal discharge current at 20 deg. C.
- Dimensions and weight are for the battery itself, but may vary depending on terminal specifications and other factors.

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- Data and dimensions are not guaranteed. For further details, please contact us at your nearest Maxell office.
- Contents on this website are subject to change without notice.

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