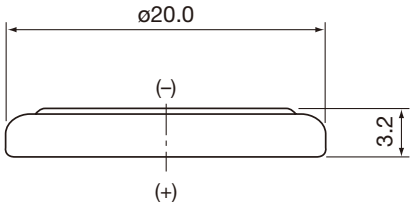
Data Sheet ML2032

Lithium Manganese Dioxide Rechargeable Battery

Model	ML2032
System	Li-Al Alloy-Manganese Dioxide/Organic Electrolyte
Nominal Voltage (V)	3
Nominal Capacity (mAh)*	65
Nominal Discharge Current (μA)	200
Charge, Discharge Cycle Lifetime	
Discharge Depth of 10%	1,000 (6.5 mAh discharge) (total capacity 6,500 mAh)
Discharge Depth of 20%	300 (13 mAh discharge) (total capacity 3,900 mAh)
Operating Temperature Range (deg. C)	–20 to +60
Weight (g)**	3.0
Dimensions (mm)**	
Diameter	20
Height	3.2
UL Recognition	MH12568

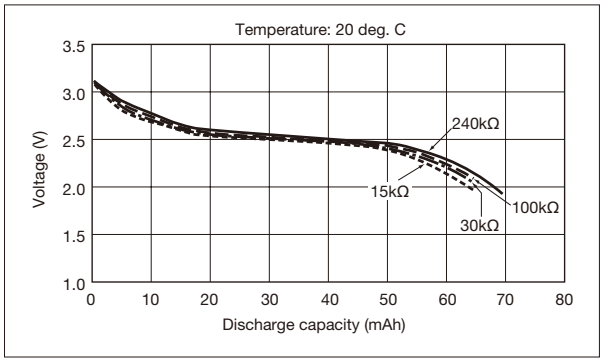


Available Terminals and Wire Connectors

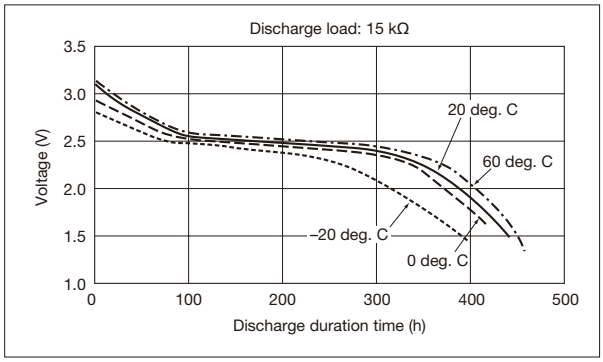
Check *http://biz.maxell.com/products/industrial/battery/ml/pdf/ml2032tw_11e.pdf* for diagrams of batteries with terminals.

Characteristics

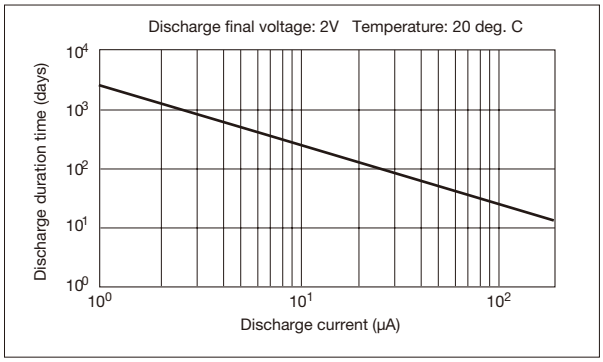
● Discharge Characteristics



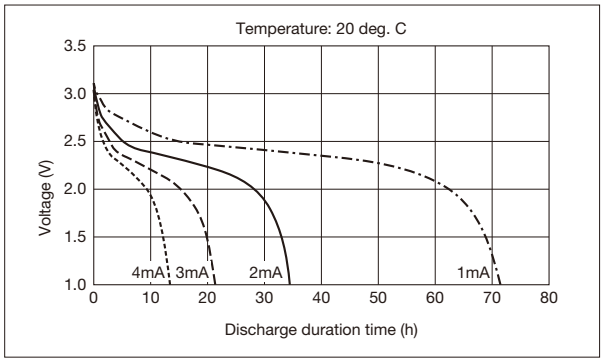
● Temperature Characteristics



● Relationship between Discharge Current and Duration Time

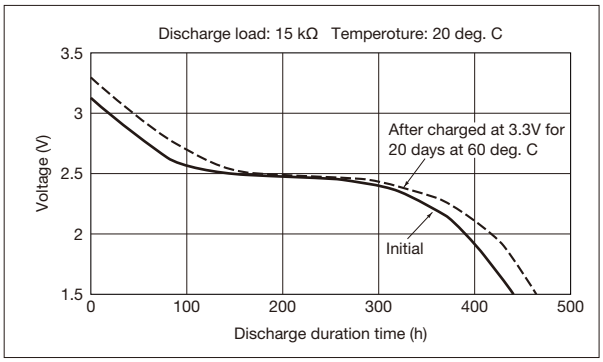


● High Rate Discharge Characteristics

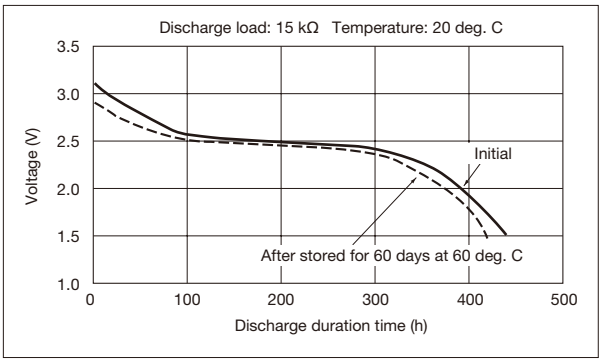


Characteristics

● Over Charge Characteristics



● Storage 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.