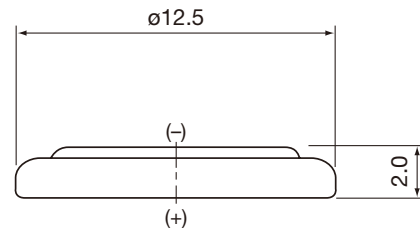


Model	ML1220
System	Li-Al Alloy-Manganese Dioxide/Organic Electrolyte
Nominal Voltage (V)	3
Nominal Capacity (mAh)*	18
Nominal Discharge Current (μA)	100
Charge, Discharge Cycle Lifetime	
Discharge Depth of 10%	1,500 (1.8 mAh discharge) (total capacity 2,700 mAh)
Discharge Depth of 20%	500 (3.6 mAh discharge) (total capacity 1,800 mAh)
Operating Temperature Range (deg. C)	-20 to +60
Weight (g)**	0.7
Dimensions (mm)**	
Diameter	12.5
Height	2.0
UL Recognition	MH12568

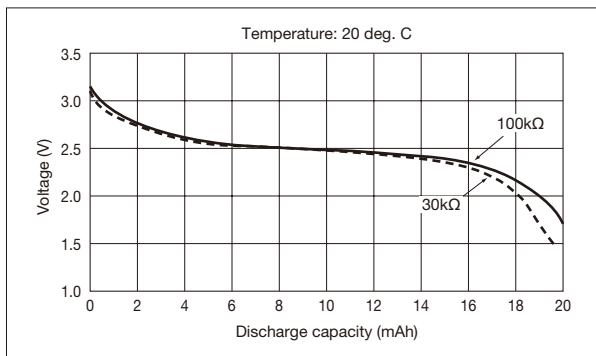


Available Terminals and Wire Connectors

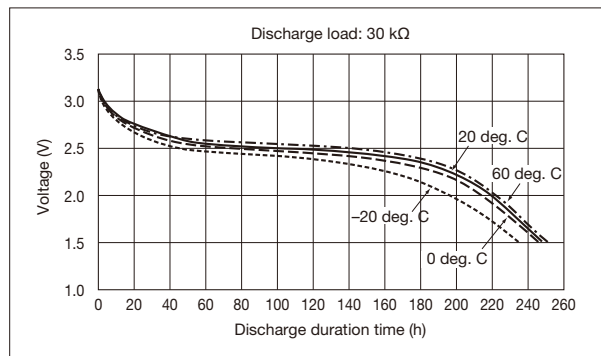
Check http://biz.maxell.com/products/industrial/battery/ml/pdf/ml1220tw_11e.pdf for diagrams of batteries with terminals.

Characteristics

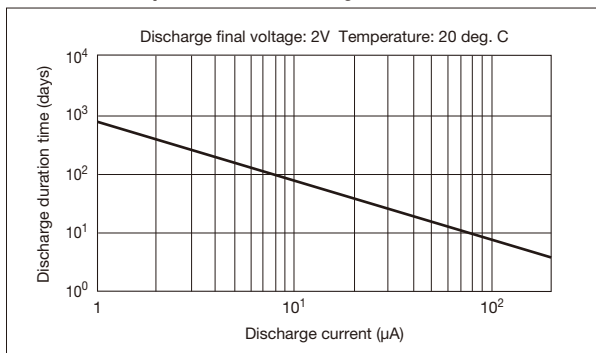
● Discharge Characteristics



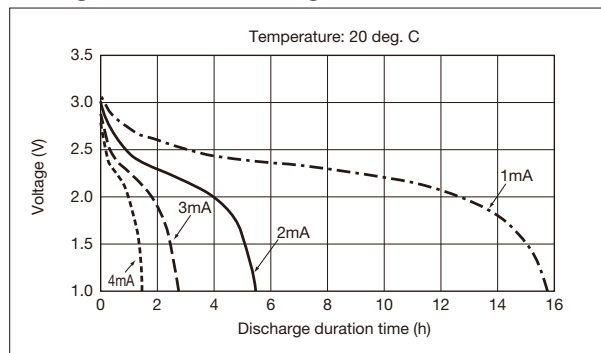
● Temperature Characteristics



● Relationship between Discharge Current and Duration Time

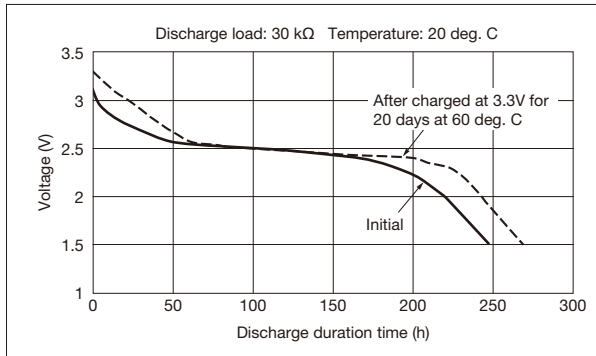


● High Rate Discharge Characteristics

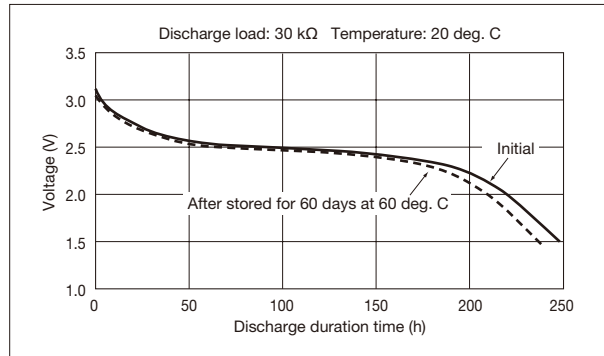


Characteristics

● 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.