# **Data Sheet**

Model

**Coin Type Lithium Manganese Dioxide Battery** 

# **CR1220**

CR1220

System Manganese Dioxide–Li/Organic Electrolyte

Nominal Voltage (V) 3

Nominal Capacity (mAh)\* 36

Nominal Discharge Current (mA) 0.1

Operating Temperature Range (deg. C)\*\* -20 to +85

Weight (g)\*\*\* 0.8

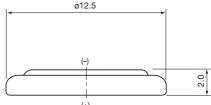
eight (g)

Dimensions (mm)\*\*\*

 Diameter
 12.5

 Height
 2.0

**UL Recognition** MH12568

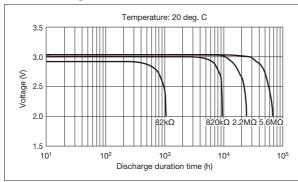


#### **Available Terminals and Wire Connectors**

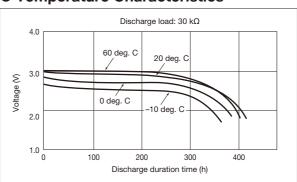
Check http://biz.maxell.com/products/industrial/battery/cr/pdf/cr1220tw\_11e.pdf for diagrams of batteries with terminals.

#### **Characteristics**

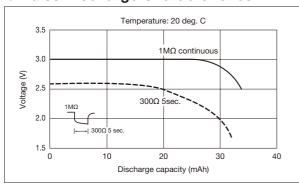
# Discharge Characteristics



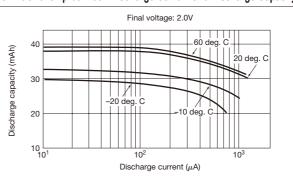
## Temperature Characteristics



#### Pulse Discharge Characteristics



## Relationship between Discharge Current and Discharge Capacity



- \* Nominal capacity indicates duration until the voltage drops down to 2.0V when discharged at a nominal discharge current at 20 deg. C.
- \*\* When using these batteries at temperatures outside the range of 0 to +40 deg. C, please consult Maxell in advance for conditions of use.
- \*\*\* Dimensions and weight are for the battery itself, but may vary depending on terminal specifications and other factors.

- 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.

Date of issue: April 2011