

Alkaline manganese batteries

LR44

■ Scope

This data sheet is applicable to Alkaline Manganese Battery Model LR44

■ Specific Applications

- Consumer equipment: Products that can be used in consumer equipment such as home appliances, audio/visual equipment, communication equipment, information equipment, office equipment, and household robotics, and whose functions are not directly related to the protection of human life and property.
- Medical equipment (GHTF Class A): Products that can be used for medical equipment regulated by Class A of the international classification class GHTF/IMDRF and whose functions do not directly relate to the protection of human life and property

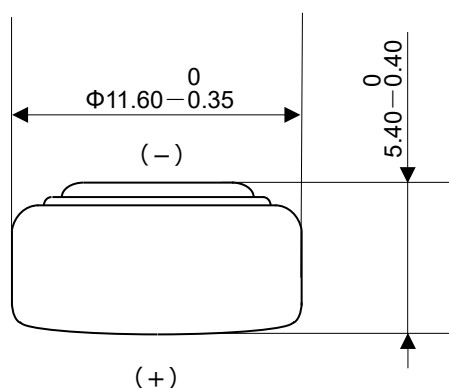
■ Unsuitable Applications

Automotive equipment, medical equipment GHTF Class B, C, D and applications listed in “Limitation of applications” in this Data sheet.

* Automotive equipment and medical equipment GHTF Class B and C, please contact our sales offices, distribution agents, or trading companies with which you make a deal, or via our web contact form.

Contact form: <https://www.murata.com/contactform>

■ Dimensions (mm)



■ Specifications

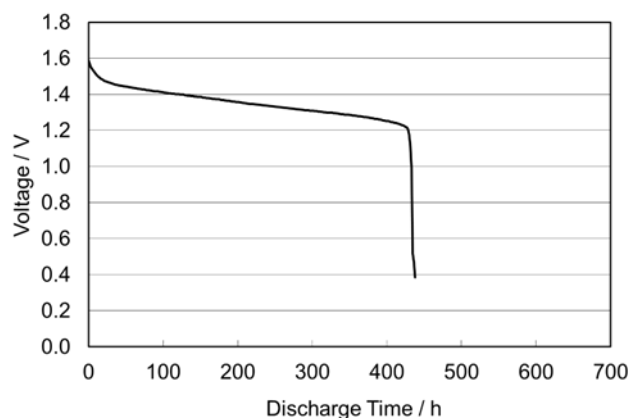
Nominal Voltage	1.50 V
Nominal Capacity (0.9V cutoff)	120 mAh
Standard Discharge Load ※Nominal Voltage/Standard Load	4.7 kΩ (≒ 0.3mA)
Weigh	2.0 g
Operating Temperature	-10 ~ +60°C
No mercury added	

■ Monogram

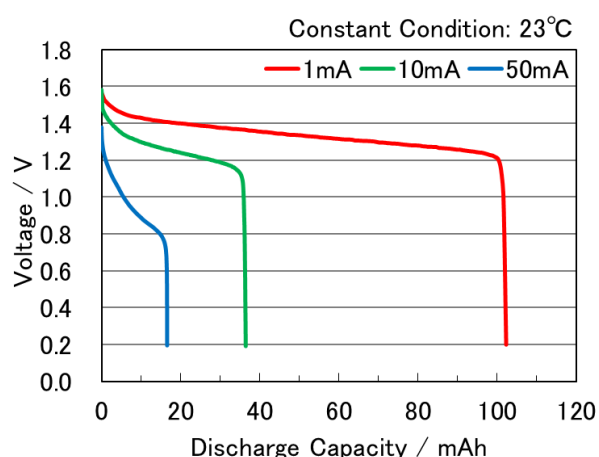


■ Discharge Characteristics

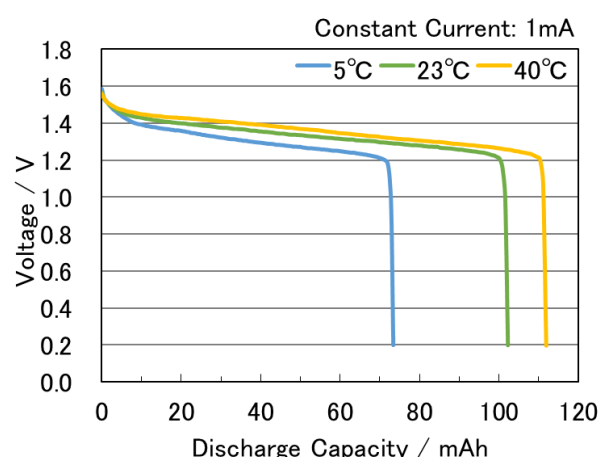
load : 4.7kΩ temperature: 23°C



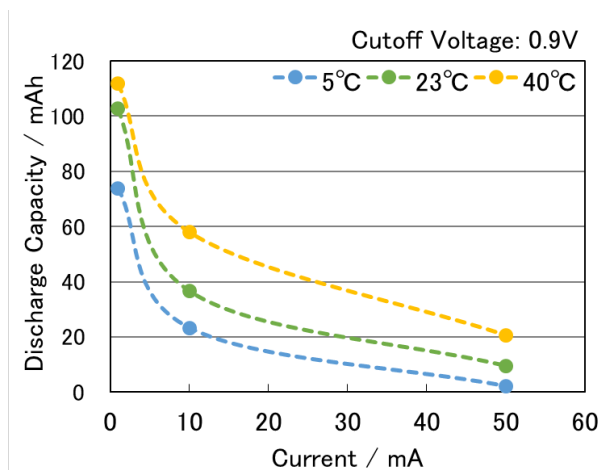
■ Discharge Characteristics



■ Discharge Characteristics on Temperature



■ Discharge Capacity on Temperature and Load



■ Limitation of Applications

The products listed in the Data sheet hereinafter the product(s) is called as the "Product(s)" are designed and manufactured for applications specified in the Data sheet. (hereinafter called as the "Specific Application").

We shall not warrant anything in connection with the Products including fitness, performance, adequateness, safety, or quality, in the case of applications listed in from (1) to (11) written at the end of this precautions, which may generally require high performance, function, quality, management of production or safety. Therefore, the Product shall be applied in compliance with the specific application.

WE DISCLAIM ANY LOSS AND DAMAGES ARISING FROM OR IN CONNECTION WITH THE PRODUCTS INCLUDING BUT NOT LIMITED TO THE CASE SUCH LOSS AND DAMAGES CAUSED BY THE UNEXPECTED ACCIDENT, IN EVENT THAT (i) THE PRODUCT IS APPLIED FOR THE PURPOSE WHICH IS NOT SPECIFIED AS THE SPECIFIC APPLICATION FOR THE PRODUCT, AND/OR (ii) THE PRODUCT IS APPLIED FOR ANY FOLLOWING APPLICATION PURPOSES FROM (1) TO (11) (EXCEPT THAT SUCH APPLICATION PURPOSE IS UNAMBIGUOUSLY SPECIFIED AS SPECIFIC APPLICATION FOR THE PRODUCT IN OUR CATALOG SPECIFICATION FORMS, DATASHEETS, OR OTHER DOCUMENTS OFFICIALLY ISSUED BY US*).

- (1) Aircraft equipment (2) Aerospace equipment (3) Undersea equipment (4) Power plant control equipment (5) Medical equipment
(6) Transportation equipment (7) Traffic control equipment (8) Disaster prevention/security equipment
(9) Industrial data-processing equipment (10) Combustion/explosion control equipment
(11) Equipment with complexity and/or required reliability equivalent to the applications listed in the above.

For exploring information of the Products which will be compatible with the particular purpose other than those specified in the Data sheet, please contact our sales offices, distribution agents, or trading companies with which you make a deal, or via our web contact form.

Contact form: <https://www.murata.com/contactform>

*We may design and manufacture particular Products for applications listed in (1) to (11). Provided that, in such case we shall unambiguously specify such Specific Application in the Data sheet without any exception. Therefore, any other documents and/or performances, whether exist or non-exist, shall not be deemed as the evidence to imply that we accept the applications listed in (1) to (11).

*Data is not guaranteed and is provided for reference purposes only.