

# LR1130

Alkaline manganese batteries are suitable for various applications such as toys, medical devices and health appliances. All models are 100% made in Japan, and environmentally friendly (0% mercury).



## Appearance & Shape



## Features

- Excellent cost performance**  
 High cost performance has been achieved owing to the use of manganese dioxide as a cathode material.
- Excellent stable discharge and high-drain pulse discharge characteristics**  
 Stable voltage output is available during the high-drain pulse discharge.
- Excellent leakage resistance**  
 Murata-unique sealing structure, coupled with special sealing-material treatment, has helped accomplish the excellent leakage resistance.
- RoHS Directive / European Directives**  
 This product does not contain Mercury(Hg), Cadmium(Cd), nor Lead(Pb), and conforms to EC regulation values. (Directive 2006/66/EC, 2013/56/EU)  
 Battery pack are excluded from RoHS directive. (DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment)

## Applications

Other Usage	<ul style="list-style-type: none"> <li>•Medical · Insulin pumps</li> <li>· Thermometers · Drug delivery systems</li> <li>•Others · Electronic calculator</li> <li>· Toys</li> </ul>
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**Attention**  
 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

Battery type	Alkaline Manganese Batteries
Nominal Voltage	1.5V
Nominal Capacity	70mAh
Operating Temperature Range	-10°C to 60°C
Diameter (inch)	0.457inch
Diameter (mm)	11.6mm
Height (inch)	0.12inch
Height (mm)	3.05mm
IEC (JIS)	LR54
Mass (oz)	0.0423oz
Mass (g)	1.2g

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