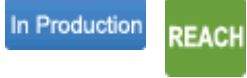
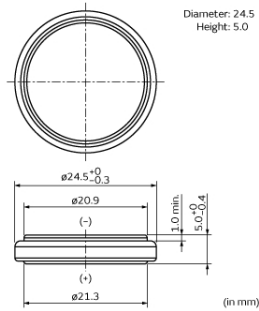


CR2450W

The Heat-resistant lithium coin batteries support wider operating temperature -40 to +125 °C and are ideal for devices used in severe temperature environments such as TPMS etc.



Appearance & Shape



Features

- Lightweight, High Voltage and High Energy Density**
 The battery voltage is 3V, almost double that of normal alkaline or manganese batteries. This means that the number of batteries required for equipment can be halved for maximum space saving and weight reduction.
- Excellent Discharge Characteristics**
 Voltage characteristics remain stable even for a long period of discharge, greatly improving the reliability of equipment that uses the battery. Such equipment is also maintenance-free (battery replacement is seldom required).
- Outstanding Temperature Characteristics**
 Murata's original organic electrolyte provides superb characteristics over a wide range of temperature from low to high. -40 to +85 degrees C (Extended temperature) -40 to +125 degrees C (Heat-resistant)
- Excellent Leakage Resistance**
 The newly developed battery construction and electrolyte ensure maximum leakage resistance over a long span of time.
- Excellent Long-Term Reliability**
 Carefully selected active materials are used for the active material as well as for the electrolyte. These materials are sealed by Murata's innovative technology to minimize battery self-discharge. The annual self-discharge rate at room temperature and normal humidity is less than 1% of the nominal capacity.

Applications

Other Usage	●Automotive · TPMS(Tire Pressure Monitoring System) · Toll collection device ●IoT/Others · Factory Automation Instruments · Smart meters · Tracking devices
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Attention

- 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.
- 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.

CR2450W



Specifications

Battery type	Coin Manganese Dioxide Lithium Batteries
Nominal Voltage	3.0V
Nominal Capacity	550mAh
Recommended Continuous Discharge Current	1mA or less
Operating Temperature Range	-40°C to 125°C
Diameter (inch)	0.965inch
Diameter (mm)	24.5mm
Height (inch)	0.197inch
Height (mm)	5mm
IEC (JIS)	CR2450
Mass (oz)	0.236oz
Mass (g)	6.7g

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