

Micro Batteries

CR, SR & LR Batteries

A wide range of battery solutions featuring Murata quality & reliability

Murata offers a wide range of primary micro batteries with high performance and reliability, taking advantage of 40+ years technology development and manufacturing expertise.

Manufacturing excellence

- Acquisition of ISO 9001/14001 certification
- Full automated assembling lines with high productivity

For demanding applications



Murata Electronics Europe B.V. 2018 Ref.: Microbatfl_1

Automotive

- TPMS (Tire Pressure Monitoring System)
- Keyless entry systems
- Door sill strip
- Toll gate



Medical

- Capsule endoscopy
- Insulin pumps
- CGM (Continuous Glucose Monitoring)
- Drug delivery systems
- Thermometers



IoT

- Tracking devices
- Sensors
- Wearables
- Smart meters
- Security



Other

- Factory automation
- Home/office electrical appliances
- Electronic price tags
- POS systems





Coin Manganese Dioxide Lithium Batteries

CR: 3V

Features

- High voltage, high energy density
- Outstanding temperature characteristics
- Excellent self-discharge performance
- UL Recognized Component (UL1642 File No.MH12566)
- Acquisition of ISO/TS16949 Certification

Nominal voltage: **3V**

Nominal capacity: **30mAh - 1000mAh**

Operating temperature:

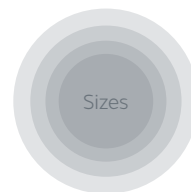
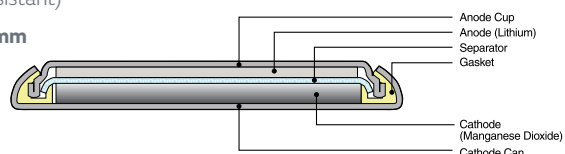
-30°C to +70°C (standard)

-40°C to +125°C (heat-resistant)

Diameter: **12.5mm - 24.5mm**

Height: **1.6mm - 7.7mm**

Weight: **0.7g - 10g**



Silver Oxide Batteries

SR: 1.55V

Features

- World's first manufacturer of mercury-free silver oxide batteries
- Excellent stable discharge characteristics
- Excellent leakage resistance with patented technology

Nominal voltage: **1.55V**

Nominal capacity: **20mAh - 160mAh**

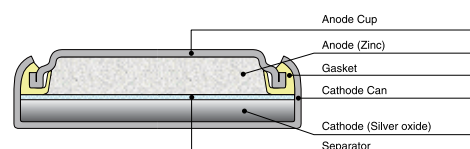
Operating temperature:

-10°C to +60°C

Diameter: **6.8mm - 11.6mm**

Height: **2.1mm - 5.4mm**

Weight: **0.3g - 2.2g**



Alkaline Manganese Batteries

LR: 1.5V

Features

- High safety with unique technologies to prevent leakage and swelling
- Mercury-free
- Excellent high-drain pulse discharge characteristics

Nominal voltage: **1.5V**

Nominal capacity: **45mAh - 120mAh**

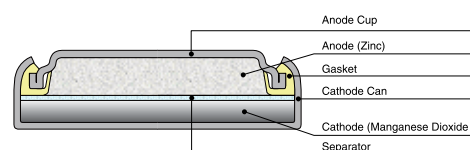
Operating temperature:

-10°C to +60°C

Diameter: **7.9mm - 11.6mm**

Height: **3.0mm - 5.4mm**

Weight: **0.6g - 2.0g**



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

[97384006](#) [97384072](#) [97384009](#) [97384022](#) [97384028](#) [97384071](#) [97384013](#) [97384015](#) [97384008](#) [97384068](#)
[97384069](#) [97384026](#) [97384007](#) [97384005](#)