

Murata 371 SR920SW

Murata 371 SR920SW 1.55V Silver Oxide Button Cell Battery User Manual

Model: 371 SR920SW

1. INTRODUCTION

Thank you for choosing Murata 371 SR920SW Silver Oxide Button Cell Batteries. Murata has over 40 years of expertise in developing and manufacturing high-performance micro batteries. These batteries are designed to provide reliable and long-lasting power for a wide range of personal electronic devices. The Murata 371 SR920SW is a 1.55V Silver Oxide battery with a nominal capacity of 35mAh. It is manufactured in Japan, is 0% Mercury, and RoHS Compliant, reflecting a commitment to quality and environmental responsibility.



Image 1: Murata 371 SR920SW batteries in their original blister packaging.

2. PRODUCT FEATURES

- **Type:** 371 SR920SW Silver Oxide Button Cell
- **Voltage:** 1.55V
- **Nominal Capacity:** 35mAh
- **Operating Temperature:** -10°C to +60°C
- **Composition:** 0% Mercury, RoHS Compliant
- **Reliability:** Engineered for high performance and reliability, continuing a long tradition of Japanese quality.
- **Applications:** Suitable for various devices including watches, remotes, car keyfobs, medical devices, wearables, digital thermometers, toys, and calculators.

muRata



GO GREEN WITH MURATA

The world's first mercury-free silver-oxide watch battery was invented in Murata's factory in 2004. Since, Murata has produced billions of cells, saving 3.5 tons of mercury from potentially leaking into the environment from spent batteries.

Image is representational only and does not necessarily reflect the actual battery model advertised on this page.

Source: Murata Manufacturing, Ltd. Sep. 9, 2020, "Murata celebrates the 15th anniversary of the world's first mercury-free battery", Norio Nakajima, President.

Image 2: Close-up view of a Murata SR920SW battery, highlighting its 0% Mercury content.

3. SETUP AND INSTALLATION

These batteries are designed for easy replacement in compatible devices. Always refer to your device's specific instruction manual for detailed battery replacement procedures, as steps may vary.

General Installation Steps:

1. **Identify Battery Compartment:** Locate the battery compartment on your device. This is often on the back or underside, secured by screws or a small latch.
2. **Open Compartment:** Carefully open the battery compartment using appropriate tools (e.g., a small screwdriver or watch case opener).
3. **Remove Old Battery:** Note the orientation of the old battery (positive (+) and negative (-) terminals). Gently remove the old battery.
4. **Insert New Battery:** Insert the new Murata 371 SR920SW battery, ensuring the correct polarity. The positive (+) side is typically facing upwards.
5. **Secure Compartment:** Close the battery compartment securely.
6. **Test Device:** Power on your device to confirm proper function.



Murata

- 100% manufactured in Japan
- Patented anti leakage J-gasket to protect your device
- Superior quality, performance, and reliability
- Over 40 years of manufacturing history and expertise
- Mercury-free, lead-free, and cadmium-free

Image 3: Illustrative image of a button cell battery being carefully placed into a watch movement using tweezers.

Compatibility:

The Murata 371 SR920SW battery is a common replacement for various watch and small electronic device batteries. It is equivalent to Sony 371 and other similar models. Always verify the required battery type for your specific device.

SR716SW (315)
SR516SW (317)
SR527SW (319)
SR616SW (321)
SR731SW (329)
SR512SW (335)
SR416SW (337)
SR721SW (341)
SR712SW (346)
SR44/W/SW (357/303)
SR721W (361)
SR721SW (362)
SR621SW (364)
SR1116/W/SW (365/366)
SR920W (370)
SR920SW (371)
SR916SW (373)
SR626W (376)
SR626SW (377)
SR521SW (379)
SR43/W/SW (386/301)
SR1130/W/SW (389/390)
SR1120/W/SW (391/381)
SR41/W/SW (392/384)
SR48/WSW (393/309)
SR936SW (394)
SR726W (396)
SR726SW (397)
SR927/W/SW (399/395)



Murata

We stock a huge selection of Murata watch batteries

Image 4: A visual guide displaying various Murata watch battery models and their corresponding reference numbers.

4. OPERATING GUIDELINES

Once correctly installed, the Murata 371 SR920SW battery will power your device. These silver oxide batteries are known for their stable voltage output throughout their lifespan, which is crucial for devices requiring consistent power, such as watches.

- **Consistent Power:** Provides a steady 1.55V output for reliable device operation.
- **Long Lifespan:** Designed for extended use in low-drain applications.
- **Temperature Resilience:** Functions effectively within a wide operating temperature range of -10°C to +60°C.

5. MAINTENANCE AND STORAGE

Proper handling and storage can extend the life of your batteries and ensure safety.

- **Storage:** Store unused batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid touching the battery terminals with bare hands, as oils and dirt can affect performance. Use non-conductive tweezers if possible.

- **Avoid Short Circuits:** Do not store batteries loosely or with metal objects that could cause a short circuit.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of in household waste.

6. TROUBLESHOOTING

If your device is not functioning correctly after battery installation, consider the following:

- **Incorrect Installation:** Ensure the battery is inserted with the correct polarity (+/-).
- **Poor Contact:** Check that the battery makes firm contact with the device's terminals. Clean any dirt or corrosion from the terminals if necessary.
- **Depleted Battery:** Although new, a battery might be faulty or have been stored improperly. Try a different new battery.
- **Device Malfunction:** If multiple new batteries do not resolve the issue, the problem may lie with the device itself. Consult your device's manual or a qualified technician.

7. SAFETY INFORMATION

WARNING: KEEP BATTERIES OUT OF REACH OF CHILDREN.

- **Choking Hazard:** Button cell batteries are small and can be easily swallowed by children.
- **Chemical Burn Hazard:** If swallowed, button cell batteries can cause severe internal chemical burns in as little as 2 hours, leading to serious injury or death.
- **Immediate Medical Attention:** If you suspect a battery has been swallowed, seek immediate medical attention.
- **General Safety:** Do not recharge, disassemble, heat, or dispose of batteries in fire. Doing so may cause explosion, leakage, or fire.
- **Leakage:** In case of battery leakage, avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of water and seek medical advice.

8. SPECIFICATIONS

Attribute	Detail
Battery Type	371 SR920SW Silver Oxide Button Cell
Voltage	1.55V
Nominal Capacity	35mAh
Operating Temperature	-10°C to +60°C
Mercury Content	0% Mercury
Compliance	RoHS Compliant
Origin	Made in Japan

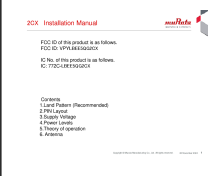
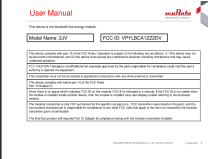
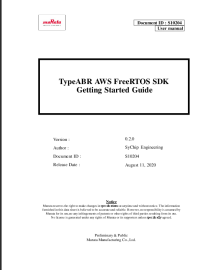
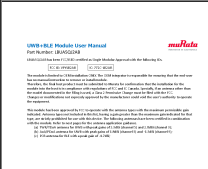
Package Dimensions	2.09 x 1.02 x 0.75 inches
Item Weight	0.634 ounces (package)
Recommended Uses	Watch, remotes, car keyfobs, medical devices, wearables, calculators, digital thermometers, toys

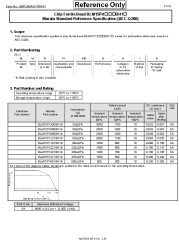

9. SUPPORT

For further assistance or inquiries regarding Murata products, please visit the official [Murata Store on Amazon](#).

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Related Documents - 371 SR920SW

 <p>2CX Installation Manual</p> <p>FCC ID of this product is as follows: FCC ID: VPM18K000004</p> <p>IC No. of this product is as follows: IC: 7700-198790001</p> <p>Contents</p> <ol style="list-style-type: none"> 1. Land Pattern (Recommended) 2. PIN Layout 3. Supply Voltage 4. Power Consumption 5. Theory of operation 6. Antenna 	<p>Murata 2CX Installation Manual: Land Pattern, PIN Layout, Supply Voltage, Antenna</p> <p>Installation guide for the Murata 2CX module, detailing land pattern, PIN layout, supply voltage specifications, and antenna design considerations. Includes FCC and IC identification numbers.</p>
 <p>User Manual</p> <p>This document is for the following products:</p> <p>Model Name: 2JV FCC ID: VPM18K000004</p> <p>1. Introduction</p> <p>2. Safety Precautions</p> <p>3. General Description</p> <p>4. Pin Configuration</p> <p>5. Power Consumption</p> <p>6. Theory of Operation</p> <p>7. Antenna</p> <p>8. Compliance Information</p>	<p>Murata 2JV Bluetooth Low Energy Module User Manual</p> <p>User manual for the Murata 2JV Bluetooth Low Energy Module, covering FCC compliance, terminal configurations, dimensions, marking, and operating conditions.</p>
 <p>TypeABR AWS FreeRTOS SDK Getting Started Guide</p> <p>Version: 1.0.0</p> <p>Author: IoT Engineering</p> <p>Device ID: 300000</p> <p>Release Date: August 11, 2023</p> <p>1. Introduction</p> <p>2. Prerequisites</p> <p>3. Getting Started</p> <p>4. Building and Running</p> <p>5. Monitoring Cloud Communications</p>	<p>Murata TypeABR AWS FreeRTOS SDK Getting Started Guide</p> <p>This guide provides essential instructions for software and firmware engineers to effectively utilize the AWS FreeRTOS SDK with the Murata TypeABR module. It details the process of setting up the development environment, building AWS demos, running firmware, and monitoring cloud communications.</p>
 <p>UWB+BLE Module User Manual</p> <p>Model Number: LBUA5QJ2AB</p> <p>FCC ID: VPM18K000004</p> <p>IC: 7700-198790001</p> <p>1. Introduction</p> <p>2. Safety Precautions</p> <p>3. General Description</p> <p>4. Pin Configuration</p> <p>5. Power Consumption</p> <p>6. Theory of Operation</p> <p>7. Antenna</p> <p>8. Compliance Information</p>	<p>Murata LBUA5QJ2AB UWB+BLE Module User Manual and Compliance Information</p> <p>User manual and regulatory compliance information for the Murata LBUA5QJ2AB UWB+BLE module, including FCC and IC certifications, antenna application guidance, and installation requirements for host product manufacturers.</p>

	<p>Murata Chip Ferrite Bead BLM15PX Series Specification</p> <p>Reference specification for Murata's BLM15PX series chip ferrite beads, designed for automotive electronics and compliant with AEC-Q200 standards. Includes detailed part numbering, ratings, electrical performance, testing conditions, dimensions, marking, packaging, and usage precautions.</p>
	<p>Murata Library for Cadence AWR Design Environment (Microwave Office) User Manual</p> <p>User manual for installing and using the Murata MLCC and RF-inductor electrical models library within Cadence's AWR Design Environment Microwave Office (MWO). Covers operation environment, installation steps, and usage.</p>