WMYCONGCONG WGCD 1

WMYCONGCONG CR2032 CR2025 Coin Cell Battery Holder Instruction Manual

Model: WGCD 1

Introduction

This manual provides detailed instructions for the proper use and installation of the WMYCONGCONG CR2032 and CR2025 Coin Cell Battery Holders. These holders are designed to securely house CR2032 and CR2025 button batteries, facilitating their integration into various electronic projects and PCB boards. Please read this manual thoroughly before use to ensure correct application and optimal performance.

Product Features

- **Compatibility:** Designed for CR2032 and CR2025 button cell batteries (battery not included).
- **Material:** Constructed from durable plastic and metal components.
- **Pin Quantity:** Features 2 pins for secure PCB mounting.
- **Secure Battery Retention:** Firmly holds the battery in position, preventing accidental dislodgement.
- **Easy Battery Replacement:** Allows for convenient battery changes without causing damage to the holder or circuit.
- **Excellent Conductivity:** Ensures reliable electrical contact for consistent power delivery.
- **Convenient Storage:** Supplied in a plastic box for organized storage and easy transport.

Specifications

Feature	Detail
Compatible Battery Types	CR2032, CR2025 Coin Cell Batteries
Material	Plastic, Metal
Pin Quantity	2 Pin
Dimensions (Approximate)	20mm (Diameter) x 12mm (Height) / 0.8" x 0.47"
Package Content	30 x CR2032 CR2025 Button Battery Holders

Feature	Detail
Item Weight	1.76 ounces (total for package)
Model Number	WGCD 1

Note: Batteries are not included with the holders.

Setup and Installation

1. **Prepare Your PCB:** Ensure your Printed Circuit Board (PCB) has appropriate holes for the 2 pins of the battery holder. The pin spacing is standard for this type of component.
2. **Position the Holder:** Align the battery holder's pins with the corresponding holes on your PCB. Ensure the orientation is correct for your circuit design.
3. **Solder the Pins:** Carefully solder the two pins of the battery holder to the PCB. Use appropriate soldering techniques to ensure a strong mechanical and electrical connection. Avoid excessive heat to prevent damage to the plastic holder.
4. **Insert the Battery:**
    - Identify the positive (+) and negative (-) terminals on your CR2032 or CR2025 coin cell battery.
    - Locate the corresponding markings or design on the battery holder. Typically, the positive terminal of the battery faces upwards, towards the open side of the holder.
    - Gently slide the battery into the holder, ensuring it snaps securely into place. Do not force the battery, as this may damage the holder or the battery itself.
5. **Verify Connection:** After installation, verify that the battery is firmly seated and that the circuit receives power as expected.

Image: Overview of the WMYCONGCONG CR2032 CR2025 Coin Cell Battery Holders, showing the bulk packaging and individual units.

Image: Detailed view of the battery holder's construction, highlighting the metal contacts and the secure design for battery placement.

Operating Instructions

Once installed and a compatible battery (CR2032 or CR2025) is inserted, the battery holder functions as a power source for your electronic circuit. No further operational steps are required for the holder itself. Ensure the battery is correctly oriented with the positive (+) terminal facing up for proper functionality.

Image: Technical drawing illustrating the precise dimensions of the battery holder, useful for PCB design and integration.

Maintenance

- **Cleaning:** Keep the battery holders clean and free from dust or debris. Use a dry, soft cloth for cleaning. Avoid using liquids or abrasive cleaners.
- **Storage:** Store unused battery holders in the provided plastic box in a cool, dry place, away from

direct sunlight and extreme temperatures.

- **Inspection:** Periodically inspect installed holders for any signs of damage, corrosion on contacts, or loose connections.
- **Battery Replacement:** When replacing batteries, ensure the circuit is powered off if possible. Gently remove the old battery and insert the new one, observing polarity.

Image: The included plastic storage box, demonstrating convenient organization for the multiple battery holders.

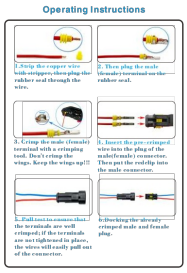
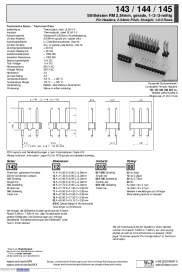
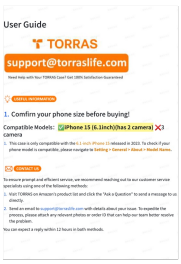
Troubleshooting

Problem	Possible Cause	Solution
No Power to Circuit	Battery incorrectly inserted (wrong polarity). Battery is depleted. Poor solder connection to PCB. Corroded battery contacts.	Re-insert battery with correct polarity (+ up). Replace battery with a new one. Inspect and re-solder connections. Clean contacts with a non-abrasive material.
Battery Loose in Holder	Incorrect battery size (not CR2032/CR2025). Holder damaged.	Ensure correct battery type is used. Replace the damaged holder.
Difficulty Inserting/Removing Battery	Battery inserted at an incorrect angle. Holder contacts bent.	Ensure battery is aligned correctly before pushing. Carefully adjust contacts if slightly bent, or replace holder if severely damaged.

Warranty and Support

WMYCONGCONG products are manufactured to high-quality standards. For any questions, technical support, or warranty inquiries, please contact your retailer or the manufacturer directly. Please refer to your purchase documentation for specific warranty terms and contact information.
Manufacturer: WGCD
Date First Available: March 4, 2017

Related Documents - WGCD 1

	[Maxell CR Battery Safety Data Sheet - Handling, Hazards, and Disposal] Comprehensive Safety Data Sheet (SDS) for Maxell CR Coin Type Lithium Manganese Dioxide Batteries. Details product identification, hazards, composition, first aid, fire fighting, handling, storage, disposal, transportation, and regulatory information.
	[BS CONNECTOR M12 Female/Male Back Mount Socket (Solder, Screw M16*1.5/PG9) Technical Specifications] Comprehensive technical details for BS CONNECTOR M12 Female and Male Back Mount Sockets, covering product parameters, electrical specifications, dimensional drawings, and wire color definitions for M16*1.5/PG9 connectors.
	[Mac Allister MHTP710 710W Corded Hedge Trimmer Parts Manual] This document provides a detailed parts list and exploded diagram for the Mac Allister MHTP710 710W Corded Hedge Trimmer. It includes part IDs, Apelson PNs, MPNs, part descriptions, and quantities for each component.
	[Amliber Waterproof Automotive Electrical Connector Operating Instructions] Step-by-step guide on how to use Amliber waterproof automotive electrical connectors, including stripping wires, crimping terminals, and assembling connectors for secure connections.
	[W+P Pin Headers RM 2.54mm: Straight, 1/2/3 Rows - Technical Data and Specifications] Detailed technical specifications for W+P Pin Headers, Series 143, 144, and 145. Includes dimensions, contact materials, plating options, and soldering recommendations for wave and reflow processes.
	[TORRAS User Guide for iPhone 15 Case] User guide for TORRAS iPhone 15 clear case, detailing compatibility, features, and customer support contact information. Learn how to confirm your phone model and get assistance.