

**CAUTION**

- Do not mount new and old batteries together.
- When you change a battery, change all batteries at the same time.
- Before replacing batteries, check that the new batteries are within battery life.
- MR-BT6VCASE is cannot be used for MR-J4-03A6(-RJ) servo amplifier, MR-J4W2-0303B6 servo amplifier and servo motors with functional safety.

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MR-BT6VCASE is a case used for connecting and mounting five MR-BAT6V1 batteries. Prepare the MR-BAT6V1 batteries on the customer side. When you use the case, refer to the servo amplifier instruction manual you use.

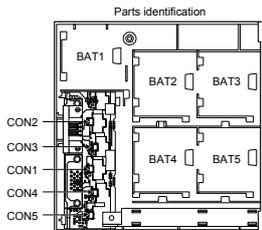
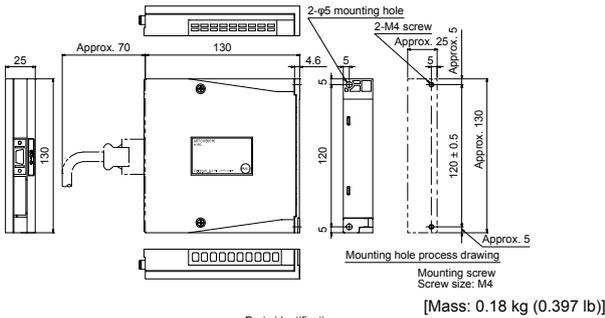
**1. Specification after assembled**

| Item                               | Description   |  |
|------------------------------------|---|--|
| System                             | Electronic battery backup type  |  |
| Battery unit                       | MR-BT6VCASE<br>(Install five MR-BAT6V1 batteries.)  |  |
| Battery (not included)             | Model   |  |
|                                    | Battery pack  | MR-BAT6V1<br>2CR17335A (primary lithium battery) |
|                                    | Nominal voltage [V]   | 6  |
|                                    | (Note) Battery life   | 5 years from date of manufacture                 |
| Maximum number of connectable axes | The maximum number of connectable axes differs depending on servo amplifiers you use. Refer to each servo amplifier instruction manual. |  |

Note. Quality of the batteries degrades by the storage condition. The battery life is 5 years from the production date regardless of the connection status.

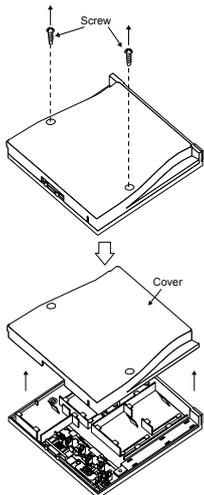
**2. Dimensions (after assembled)**

[Unit: mm]



**3. Disassembly and assembly of the battery case MR-BT6VCASE**

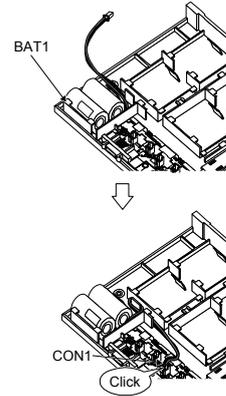
(1) Disassembly of the case  
MR-BT6VCASE is shipped assembled. To mount MR-BAT6V1 batteries, the case needs to be disassembled.



Remove the two screws using a Phillips screwdriver.

Remove the cover.

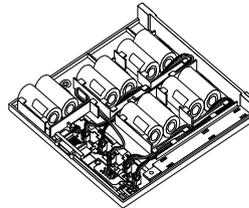
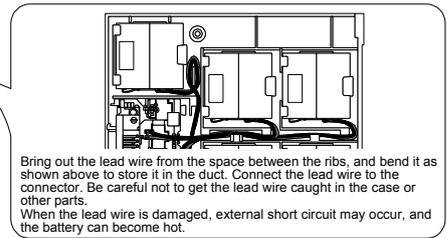
(2) Mounting MR-BAT6V1



Securely mount a MR-BAT6V1 to the BAT1 holder.

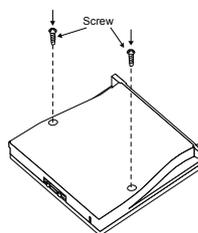
Insert the MR-BAT6V1 connector mounted on BAT1 holder to CON1. Confirm the click sound at this point. The connector has to be connected in the right direction.

If the connector is pushed forcefully in the incorrect direction, the connector will break. Place the MR-BAT6V1 lead wire to the duct designed to store lead wires. Insert MR-BAT6V1 to the holder in the same procedure in the order from BAT2 to BAT5.



(3) Assembly of the case

After all MR-BAT6V1 batteries are mounted, fit the cover and insert screws into the two holes and tighten them. Tightening torque is 0.71 N·m (6.284 lb·in).



**POINT**  
● When assembling the case, be careful not to get the lead wires caught in the fitting parts or the screwing parts.

(4) Precautions for removal of battery

The connector attached to the MR-BAT6V1 battery has the lock release lever. When removing the connector, pull out the connector while pressing the lock release lever.

**4. Battery transportation**

When only lithium metal batteries are transported, attachment of a handling label to each package, submission of the Shipper's Declaration for Dangerous Goods, and a 1.2 m drop test will be required. When the batteries are transported with mounted on products, the regulations about package, etc. will not be required.

**CAUTION** ● Do not use this battery case for encoders which have super capacitor.