

0.64II 4P 1Row Plug Housing with Anti Overstress

1. PART NAME AND PART NUMBER

1.1. Housing

Part Number	Part Description
2237126	0.64II 4P 1Row Plug Housing with Anti Overstress

Figure 1

NOTE Part number is consisted from listed base number and 1 digit numeric prefix and suffix with dash. Refer to catalog or customer drawing for specific part numbers for each base number. When prefix is zero, zero and dash are omitted.

1.2. Contacts

Applicable female contacts are listed below (See Fig.2)

These female contacts are premised on passing customer specifications

Part No	Part Description	Made by
*2)	0.64II female contact (Sn) Applicable wire range 0.22~0.35mm ²	YAZAKI PARTS Co. Ltd.
*2)	0.64II female contact (Sn) Applicable wire range 0.5mm ²	
*2)	0.64II female contact (Au) Applicable wire range 0.22~0.35mm ²	
*2)	0.64II female contact (Au) Applicable wire range 0.5mm ²	
*2)	0.64II female contact (Sn) Applicable wire range 0.22~0.35mm ²	SUMITOMO WIRING SYSTEM Co. Ltd.
*2)	0.64II female contact (Sn) Applicable wire range 0.5mm ²	
*2)	0.64II female contact (Au) Applicable wire range 0.22~0.35mm ²	
*2)	0.64II female contact (Au) Applicable wire range 0.5mm ²	

Figure 2

*2) See customer drawing about 0.64II female contact part number.

NOTE Concerning crimping, please inquire with each contact manufacturer.

2. CUSTOMER RECEIVING INSPECTION

We conduct inspections according to our quality control regulations to maintain an overall lot control. In addition, customers should conduct receiving inspections based on the specific customer drawing.

3. SAFEKEEPING AND CARRIAGE MANAGEMENT

- (1) Avoid storing the housing in a moist or dusty place. Stock the housing in a comparatively dry and clean place (5~35°C, 45~85%RH) away from direct sunlight.
- (2) Avoid leaving or carrying the housing in an open area without packaging
- (3) Do not drop or shock the housing when carrying it.

4. MANUFACTURING HARNESS ASSEMBLES

4.1. Confirmation of temporary assembled condition.

- (1) Confirm the position of the hinge part. Confirmation that the hinge part is in pre-assembled condition or opened condition (See Fig. 3). If being the condition that the hinge part was closed. Using a screw driver such as 1mm blade screw one. Turn up hinge part like the following Fig. 4 and make it pre-assembled condition or opened condition.

NOTE Do not extract the hinge part more than appropriate length. Otherwise the housing may be damaged

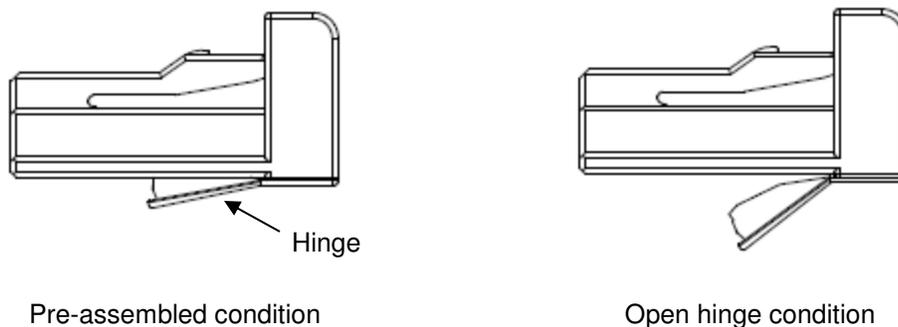


Fig.3

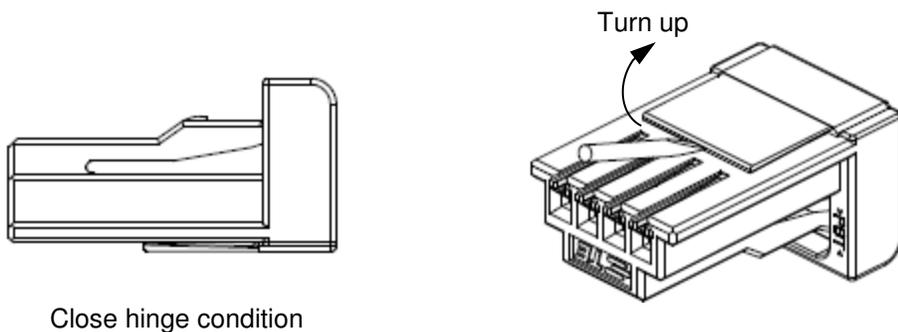


Fig.4

- (2) Confirm type of plating on the contact. It must be the same type of plating on the female contact and the male contact. The type of plating can be seen on the customer drawing.

NOTE Connection between different types of plating should never be allowed.

4.2. Contact attachment operation

- (1) Insert the 0.64II female contacts into the housing with same direction as shown in Fig.5. The insertion is finished when you hear click sound and the contact stops.

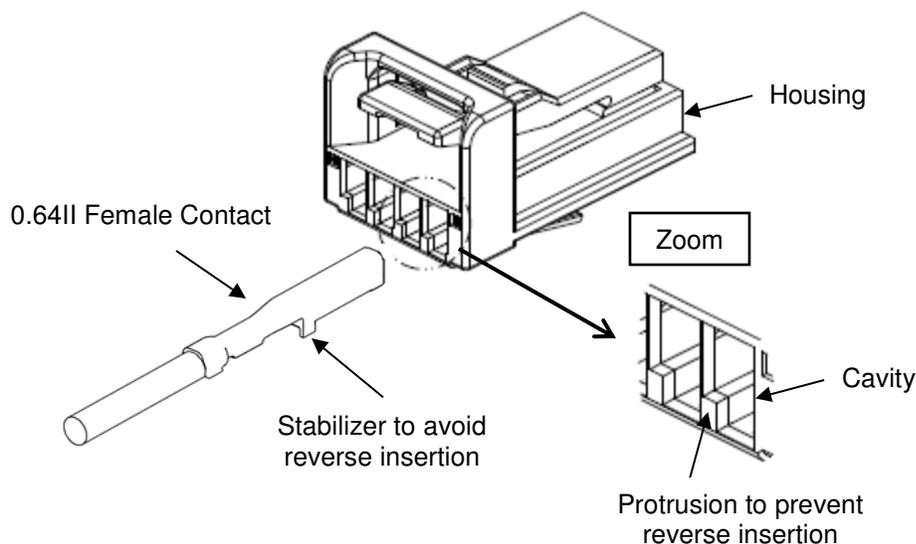


Fig.5

- (2) By pulling the wire by 20N MAX to make sure that the contact cannot be withdrawn.

NOTE Though the hinge part opens when the terminals inserts, this action is not a problem.

4.3. Double lock (secondary lock) Operation

- (1) After insertion of all the 0.64II female contacts, press the hinge part for final lock condition. The double lock operation is finished as shown in Fig.6 final lock condition.

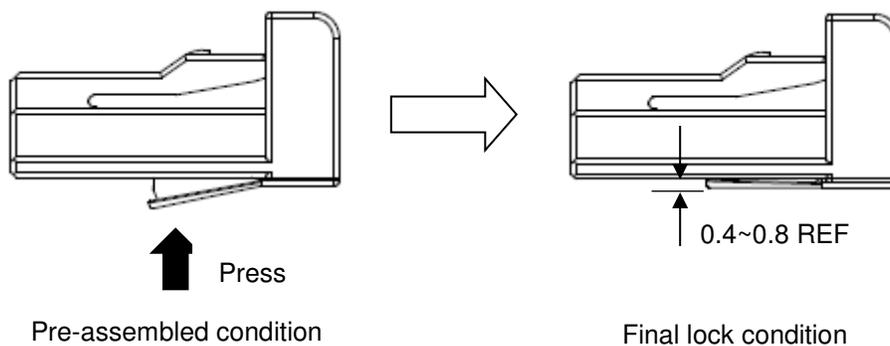


Fig.6

- (2) The double lock operation cannot be completed if there are any half-inserted contacts. When the hinge part cannot be pressed to the final lock condition, do not press by force, find the half inserted 0.64II female contact and insert it to proper position.

4.4. How to unlock hinge part from final lock condition

When the 0.64II female contact requires insertion or extraction, the hinge part must be in the pre-assembled condition. The insertion or extraction cannot be done in final lock condition. Using a screw driver such as 1mm blade screw one, turn up hinge part as Fig.4 and make it pre-assembled condition or opened condition.

NOTE Do not extract the hinge part more than appropriate length Otherwise the housing maybe damaged.

4.5. How to extract 0.64II female contact

Confirm the hinge part is in pre-assembled condition or opened condition. When the hinge part is in final lock condition, it must be changed to pre-assembled condition or opened condition (See Fig. 4). The extraction cannot be done in final lock condition.

NOTE About the special extraction jig and how it operates, please call each female contact maker.

4.6. Harness control

(1) Handling

Take care not to apply unnecessary force or shock to the connector or the wire

(2) Taping up wires

The wires must not be taped up to 30mm from the end of the housing to avoid applying unnecessary force to the wires.

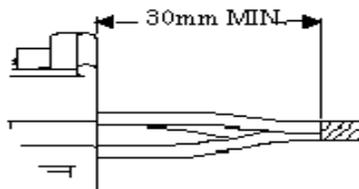


Fig.7

(3) Electric circuit check

For making a check on electric circuit, the applicable mating connector or equivalent product should be used.

(4) Storage

Avoid storing the connector in moist or dusty place. Stock the connector away from sunlight.

(5) Shipping and carrying

The connector should be used with the proper packaging to prevent ingress of dust, moisture, etc.

5. MATING AND EXTRACTION OF CONNECTOR

5.1. Mating of Connector

- (1) Check to make sure that the contacts are inserted into the housing in proper condition, the wires are taped up from proper position and the hinge part is in final lock condition. If the hinge part is in pre-assembled condition, it must be changed to final lock condition.
- (2) Check the contact and housing to make sure there are defects, deformation, discoloration, damage, rust, crack, deficit, etc.

NOTE The connector must be renewed if any defects are found.

- (3) Insert the proper female housing into the male connector straight. The operation is finished when you hear the click sound and cannot insert further. When you cannot insert the housing, do not insert by force, check the items in (1) and (2).

NOTE At the insertion operation, take care not to apply force except in the insertion direction.

- (4) By pulling the female housing lightly, check to make sure that the connector cannot be withdrawn.

5.2. Extraction of Connector

Grip the female housing and then draw straight out while pressing down the locking lever. When the housing cannot be drawn out, do not pull it by force but check to make sure if the locking mechanism is released.

NOTE At the extraction operation, take care not to apply force except in the extraction direction

NOTE Do not pull the wire only.

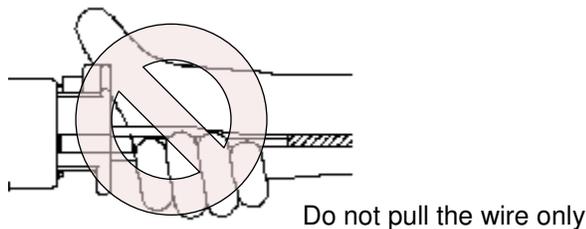


Fig. 8

5.3. General Attention Matters

- (1) Do not mate and extract the connector unnecessarily.
- (2) Do not insert any objects except the proper connector.
- (3) At mating/extraction operation, or after mating operation, take care not to apply unnecessary force or shock to the wire and the connector