

D5200 Connector Cable Clamp 4p (2row) Kit

1. Introduction

This manual describes the assembly procedure and handling of the “Cable Clamp Kit”. Read this manual thoroughly before assemble/use the connector.

2. Applicable Products

Part No.	Descriptions
1971239-1/-2 [D5200 REC CABLE CLAMP 4P(2ROW) KIT (CABLE OD: Ø14.8~19.3mm)]	Kit [Contents] • Rec Sub Assy x 1ea • Cable Clamp x1ea • Cover HSG x1ea • M3x12 Screw x2ea

※Refer to the 『114-5206』 for details.

3. Applicable Cable and Contact

3.1 Applicable Cable

- Wire Conductor Size: #10-16 AWG
- Cable: 1.23~5.50 mm²
- Cable Jacket Outside Diameter: 14.8~19.3 mm

3.2 Applicable Contact

- DYNAMIC-5000 Series: Au-Plating Type
『S-Size & M-Size』 (Refer to the 114-5206)

4. Related Documents

108-106038	: Product Specification
114-5206	: Application Specification

5. Assembly Procedure

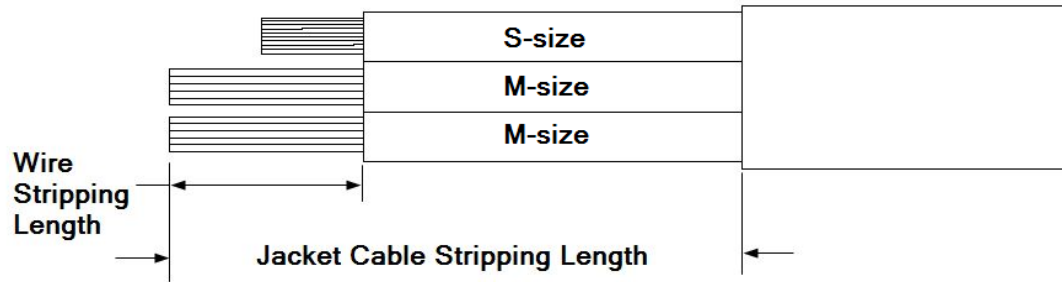
Assemble the cable in following procedure:

- 1) Strip the cable jacket and insulation of the wires in accordance with Fig.1. Do not cut or damage the wires/cable. Cut cable end and retry if the cable or wires are cut off or damaged.

Stripping length of the cable jacket

S-size: 34.5~36.5mm

M-size: 36.0~37.5mm



※ Refer to the 『114-5206』 about stripping wire length.

Fig. 1

- 2) Refer to the Application Specification, crimp the contact to the wire. After crimping, check the workmanship in accordance with the application specification.

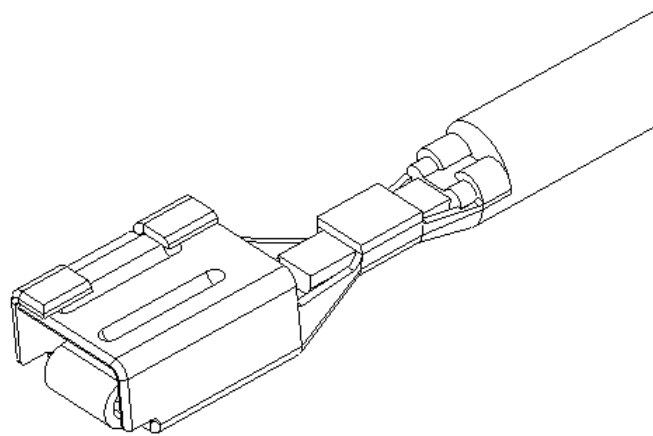


Fig. 2

- 3) Insert all contacts to the housing checking all circuits simultaneously.
(※Recommendation: Don't insert one each.)
Do the following clause, and be sure to crimping contacts can't come out after insertion.
 1. When inserting, clear lock feeling can make to indicate contact's regular position on a lance.
 2. Next, see into the TAB side and confirm the B2 position contact is before other three posts.
 3. Finally to make sure, insert all contacts hard again.

This connector is specially designed for a typical power line and a ground line.
The ground circuit is B2. (Confirm the earth mark.)

The ground contact is first connection in all four contacts.
(→ Sequential structure)
So this ground contact is fixed different place from the others.
Please pay your attention in inserting to housing certainly.

※Recommendation: Insert all circuits simultaneously.

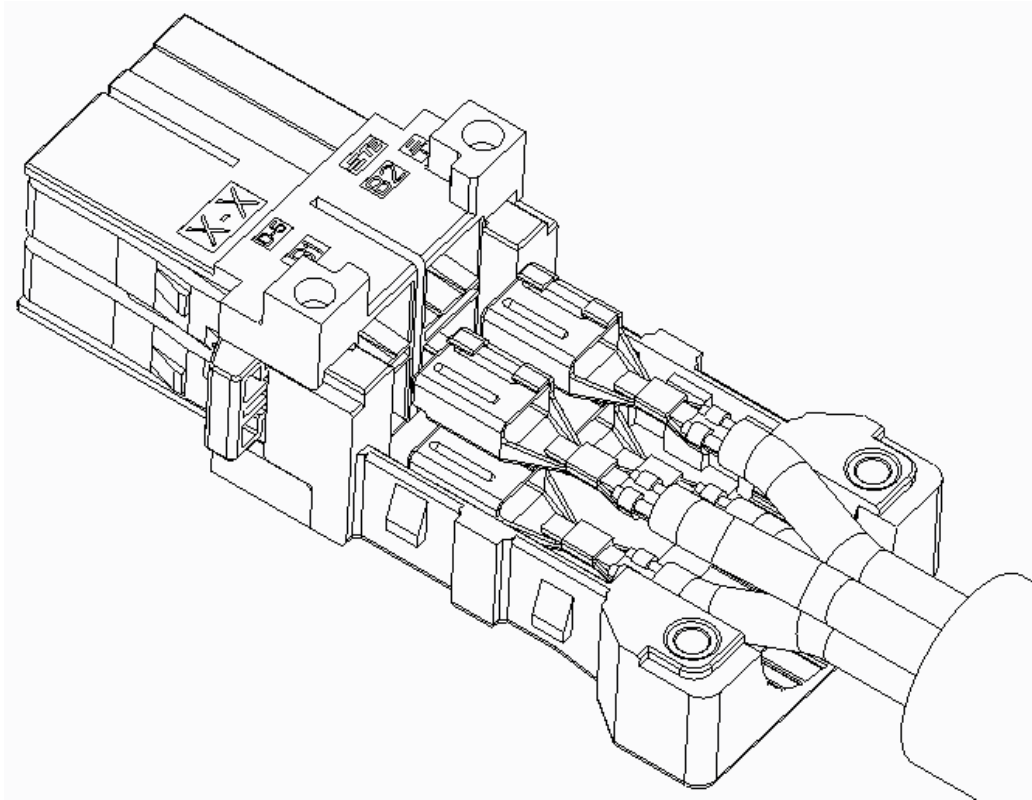


Fig. 3

- 4) Make the right cable position. At first, set the end of cable to the position in accordance with Fig.4 and with keeping cable. Next, holding this position, put a cable clamp on a jacket binds, and fix a M3X12 bind screw tight on the housing. Please give the bolting torque of a screw as about 2.2~2.8kgf•cm.

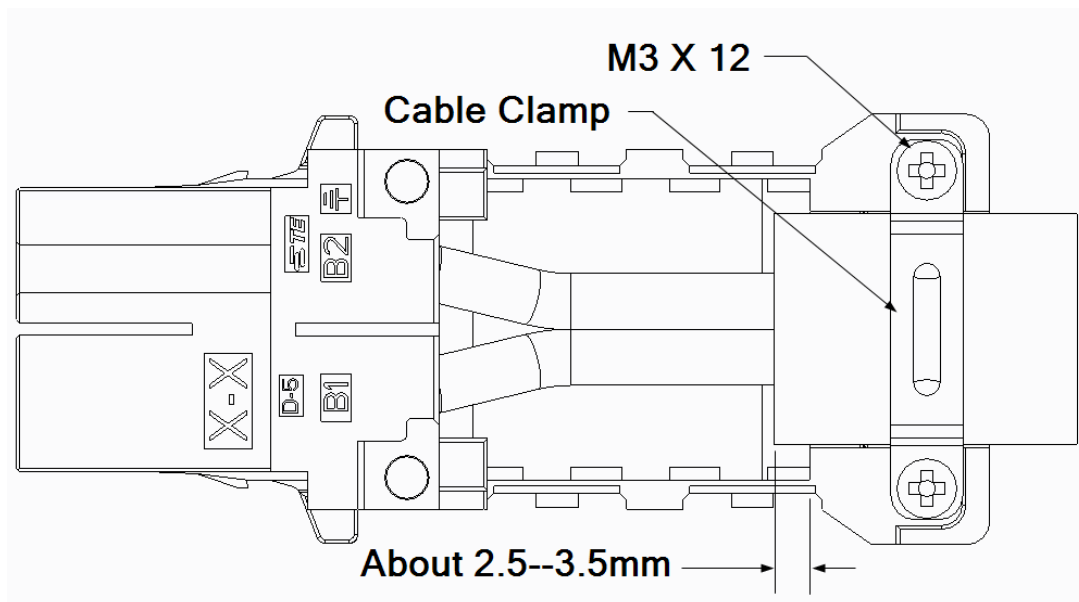


Fig. 4

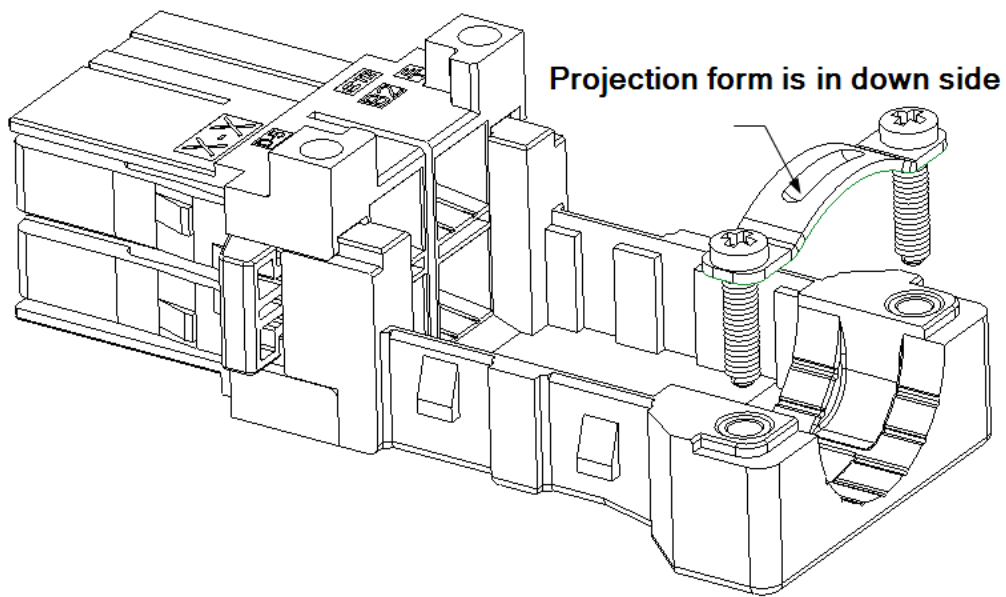


Fig. 5

- 5) Please fit the 『cover』 into housing certainly until it sounds is clear lock feeling.
In this time, confirm the cover's 4 nails are sure to scratch the protuberant form of the REC SUB ASS'Y.

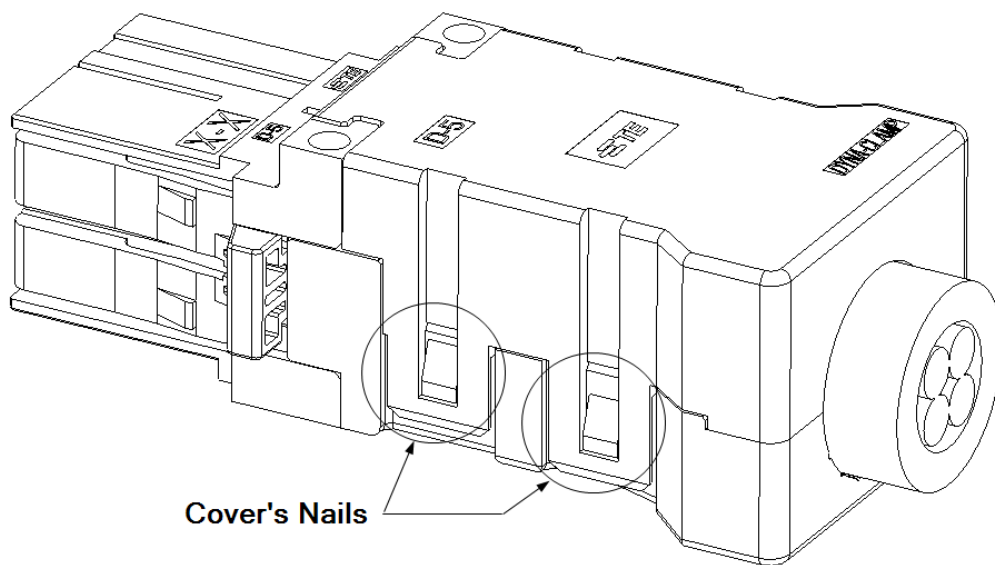


Fig. 6