

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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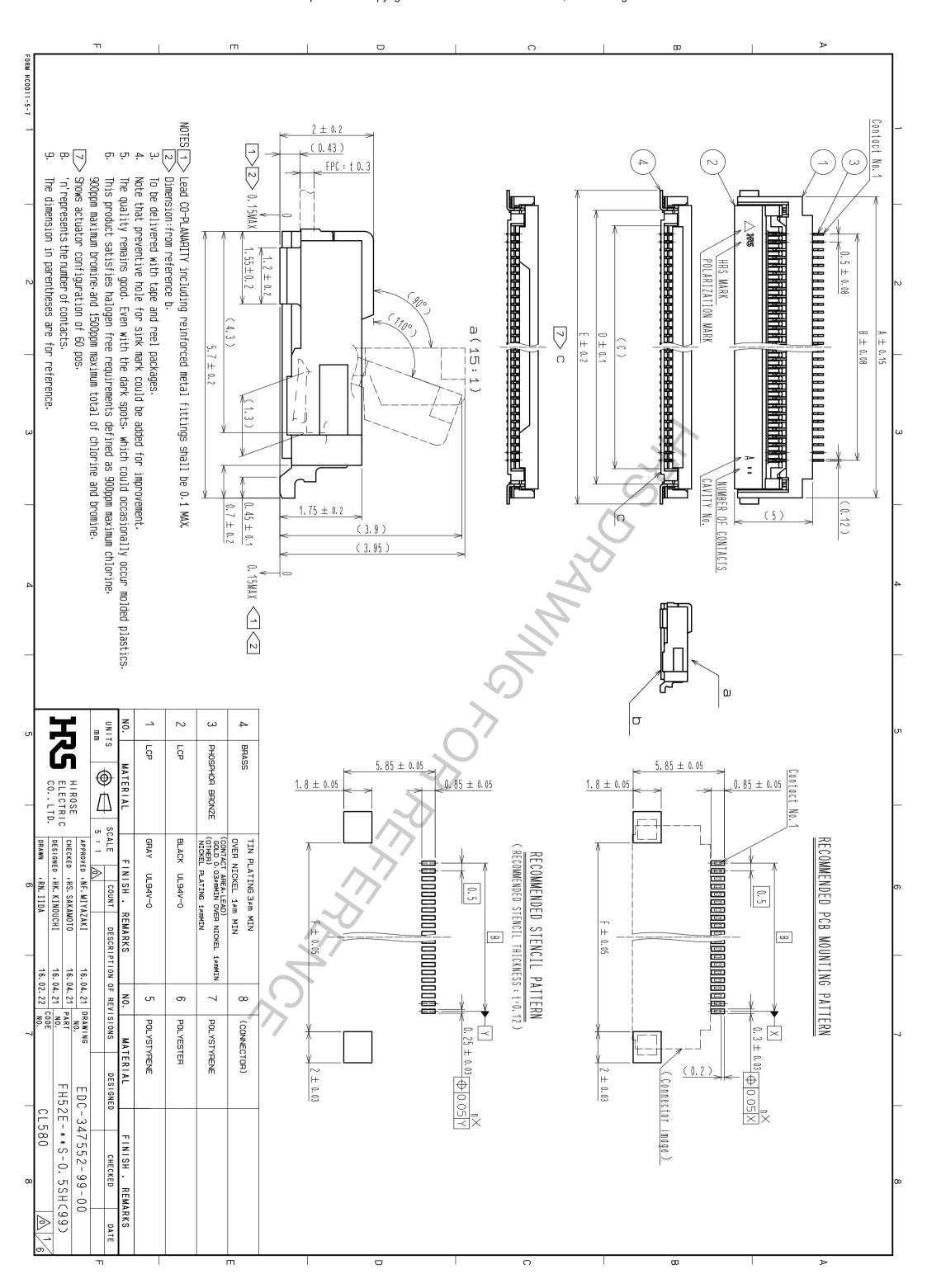
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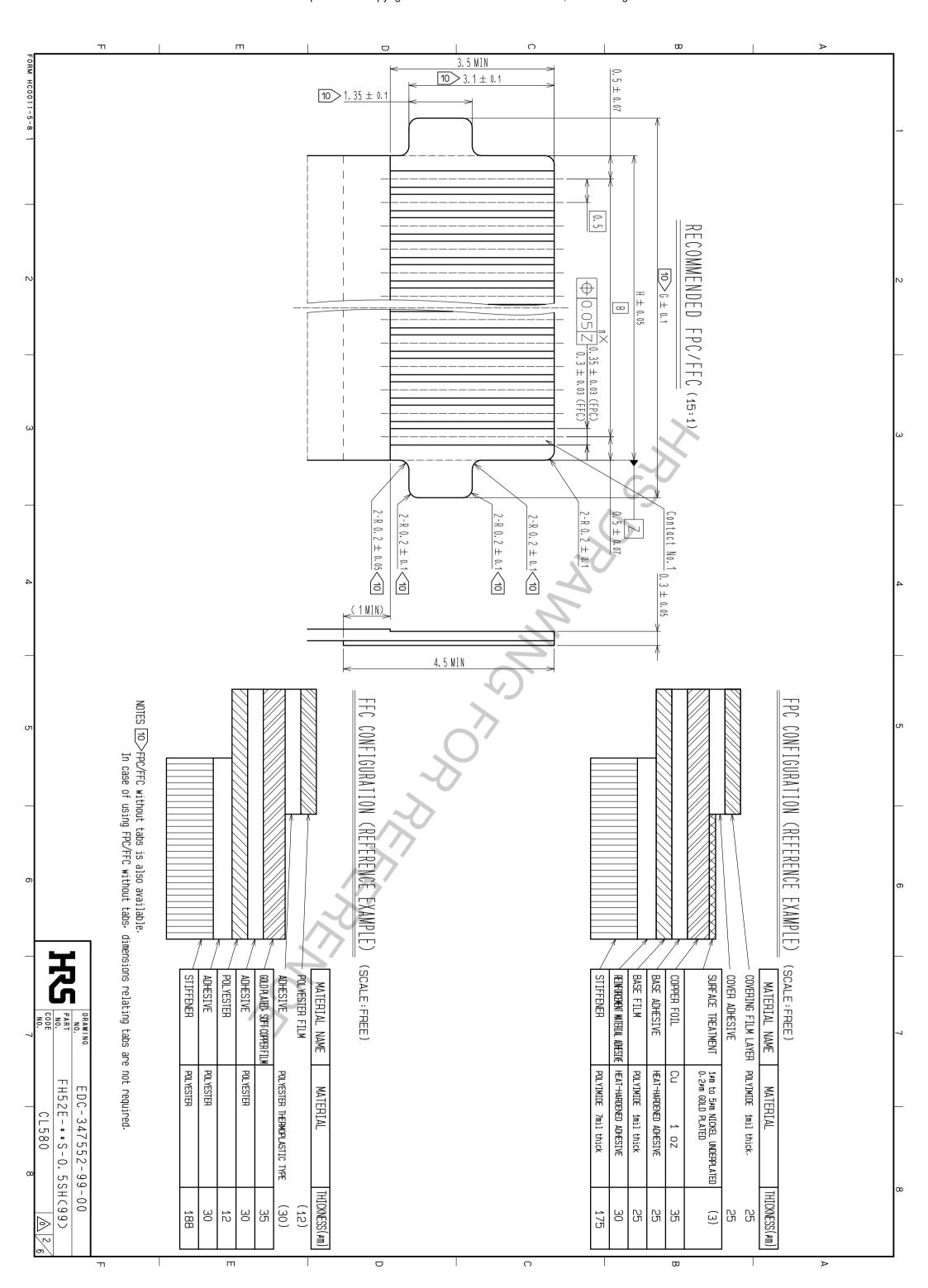
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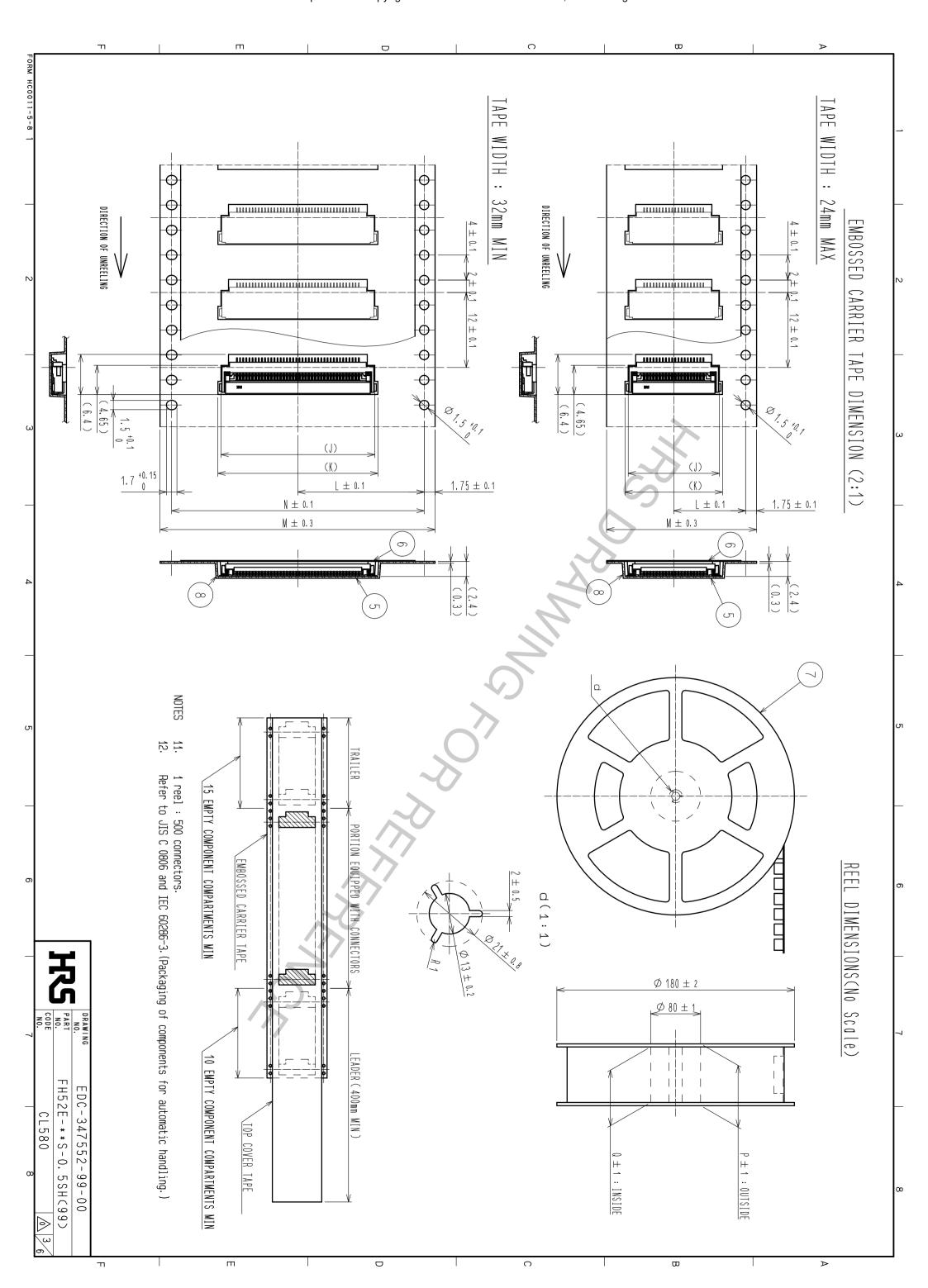




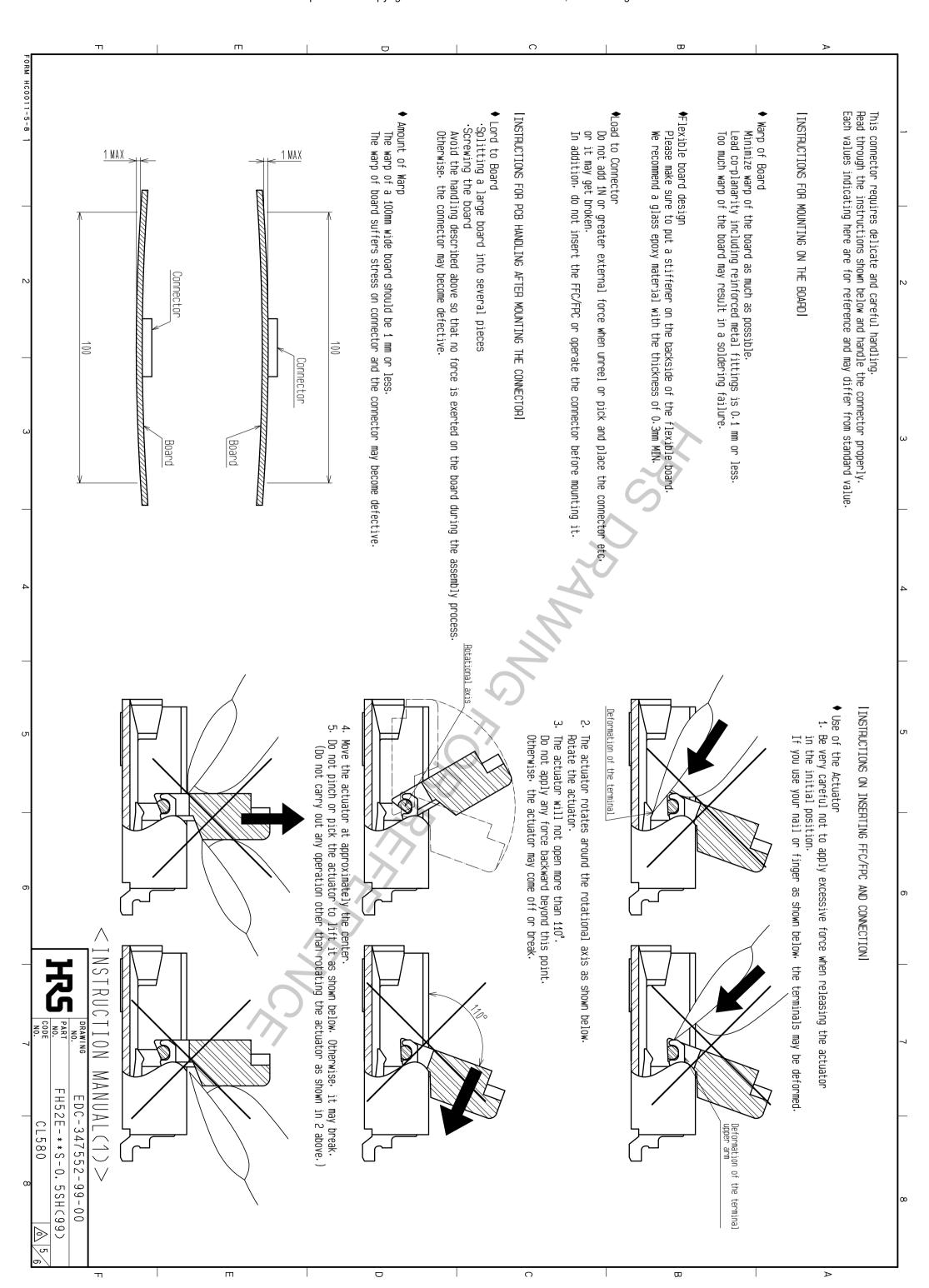








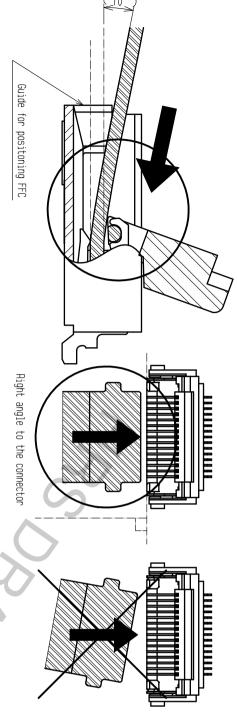
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| | m D | | | | A |



♦ Direction of Contacts This connector has contacts on the bottom. Thus, insert FFC/FPC with the exposed conductors face down.

♦ Inserting the FFC/FPC

Insert the FFC/FPC by about 10 degrees along the surface and at a right angle to the connector. Insert it properly to the very end.



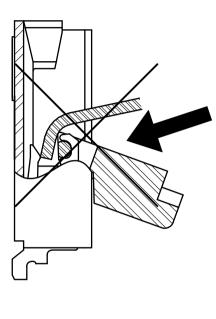
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Do not insert the FFC/FPC diagonally from above. If the FFC/FPC insertion is inserted at a slant (incorrectly) as shown below in the FFC/FPC insertion. resulting in improper conduction. The FFC/FPC may bend and patterns may break or the FFC may not insert completely. the edge of the FFC/FPC may catch in the terminals, resulting in deformation of the terminals. not insert the FFC/FPC diagonally from above. process

Keep a sufficient FFC/FPC insertion space in the stage of the layout in order to avoid Besides, it is not difficult to insert FFC/FPC correctly all the way to the end incorrect FFC/FPC insertion.

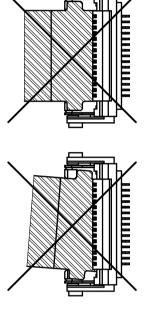
Design the proper layout of parts.

₩ Make adjustments with the FFC/FPC manufacturer for FFC/FPC bending perfomance and wire breakage.



Make sure the position of FFC TAB and guides before rotate the actuator-Do not rotate the actuator when FFC/FPC TAB is on right and left guides for positioning FFC/FPC. Ш

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Guide

for positioning FFC/FPC /FPC TAB

Checking the Locking Condition

Otherwise, the terminals may be deformed In the locked condition, make sure that the act Do not apply excessive force to it near the O° cuator is horizontal on the board surface.
position of the actuator.

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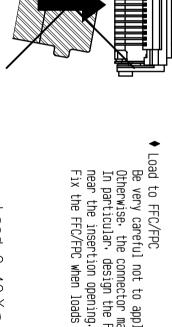
INSTRUCTIONS ON FFC/FPC LAYOUT AFTER CONNECTION

Load to FFC/FPC

Be very careful not to apply any force to the connector directly after inserting FFC/FPC. Otherwise, the connector may become unlocked or the FFC/FPC may break. In particular, design the FFC/FPC layout with care not to bend it sharply upward in a vertial direction

Fix the FFC/FPC when loads are applied to it continuously.

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(n:number of contacts)

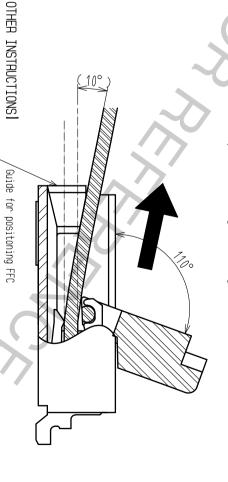
Load:0.10 X n N MAX

INSTRUCTIONS ON REMOVING FFC/FPCI

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Move the actuator at approximately the center.

◆ Release the actuator to remove the FFC/FPC. Remove the FFC/FPC by about 10 degrees along the surface.



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Instructions on Manual Soldering

Follow the instructions shown below when soldering the connector manually during repair work. etc.

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 Do not perform reflow soldering or manual solder:
 Do not heat the connector excessively. Be very called any parts other than connector leads. Otherwise. Jering with the FFC inserted into the connector. / careful not to let the soldering iron contact se the connector may be deformed or melt.

Do not use excessive solder (or flux) or rotating parts of the actuator, resulting If excessive solder (or flux) is used on the terminals, solder or flux may adhere to the contacts in poor contact or a rotation failure of the actuator.

INSTRUCTION MANUAL(2)>

bracket may hinder actuator rotation.

resulting in breakage of the connector. Supplying excessive solder to the reinforcing

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|---|----------------------|---------------------------------------|------------------|----------------|
| 7 | CODE NO. | PART NO. | DRAWING NO. | KUUII |
| 8 | CL580 <u>A</u> 66 | FH52E-**S-0.5SH(99) | EDC-347552-99-00 | UN MANUAL(2) > |
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