

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!



Contact us

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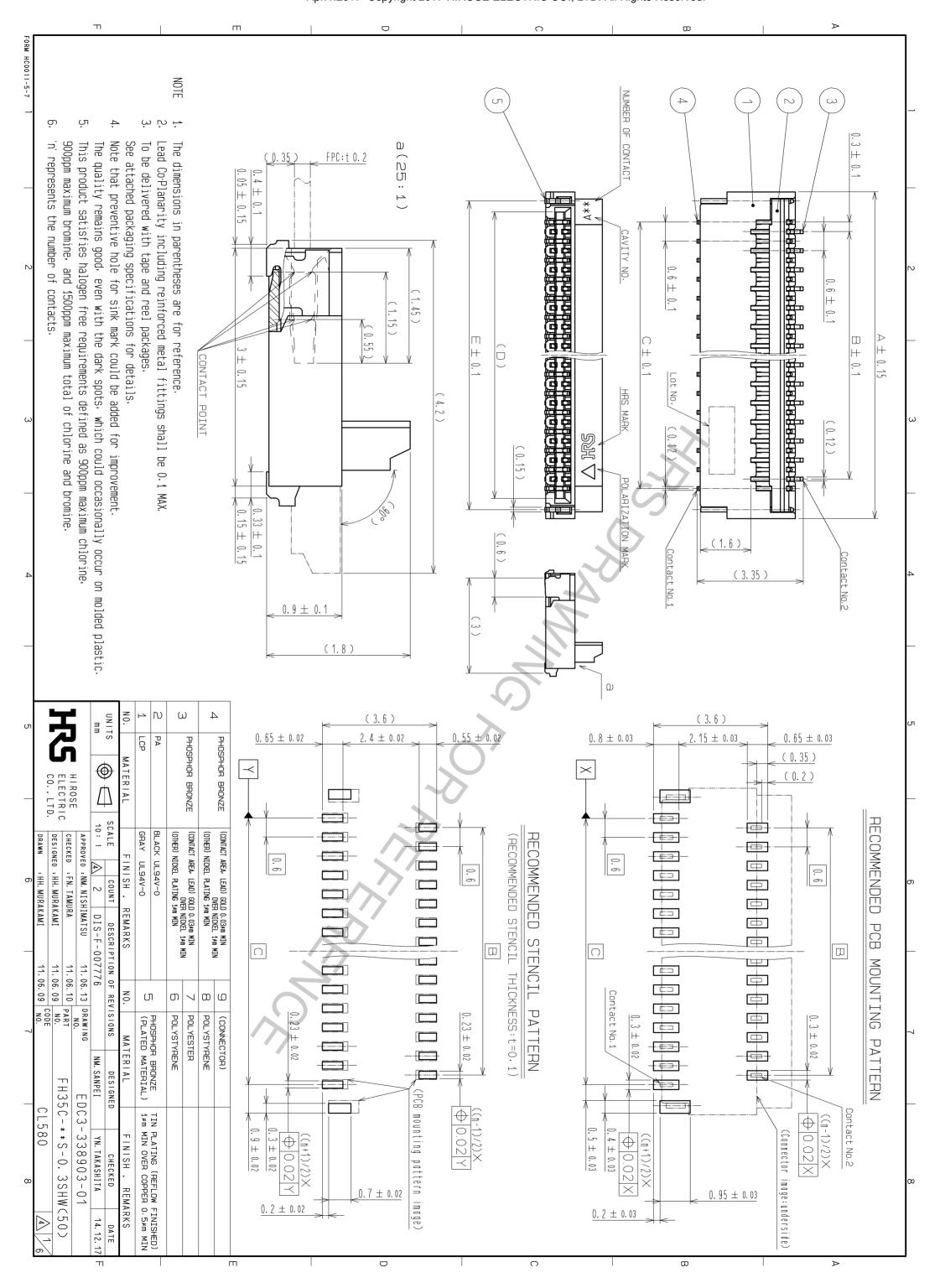
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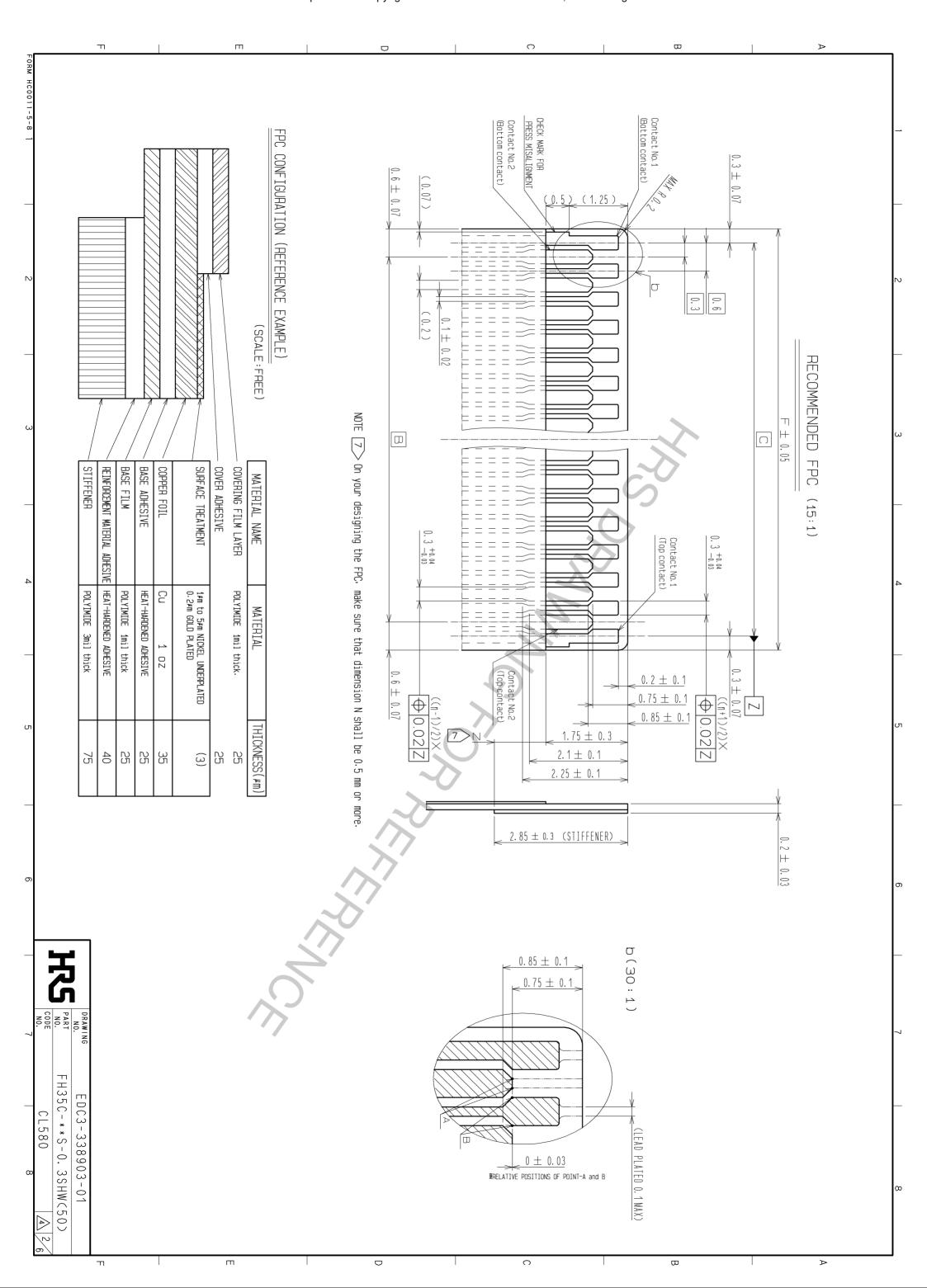
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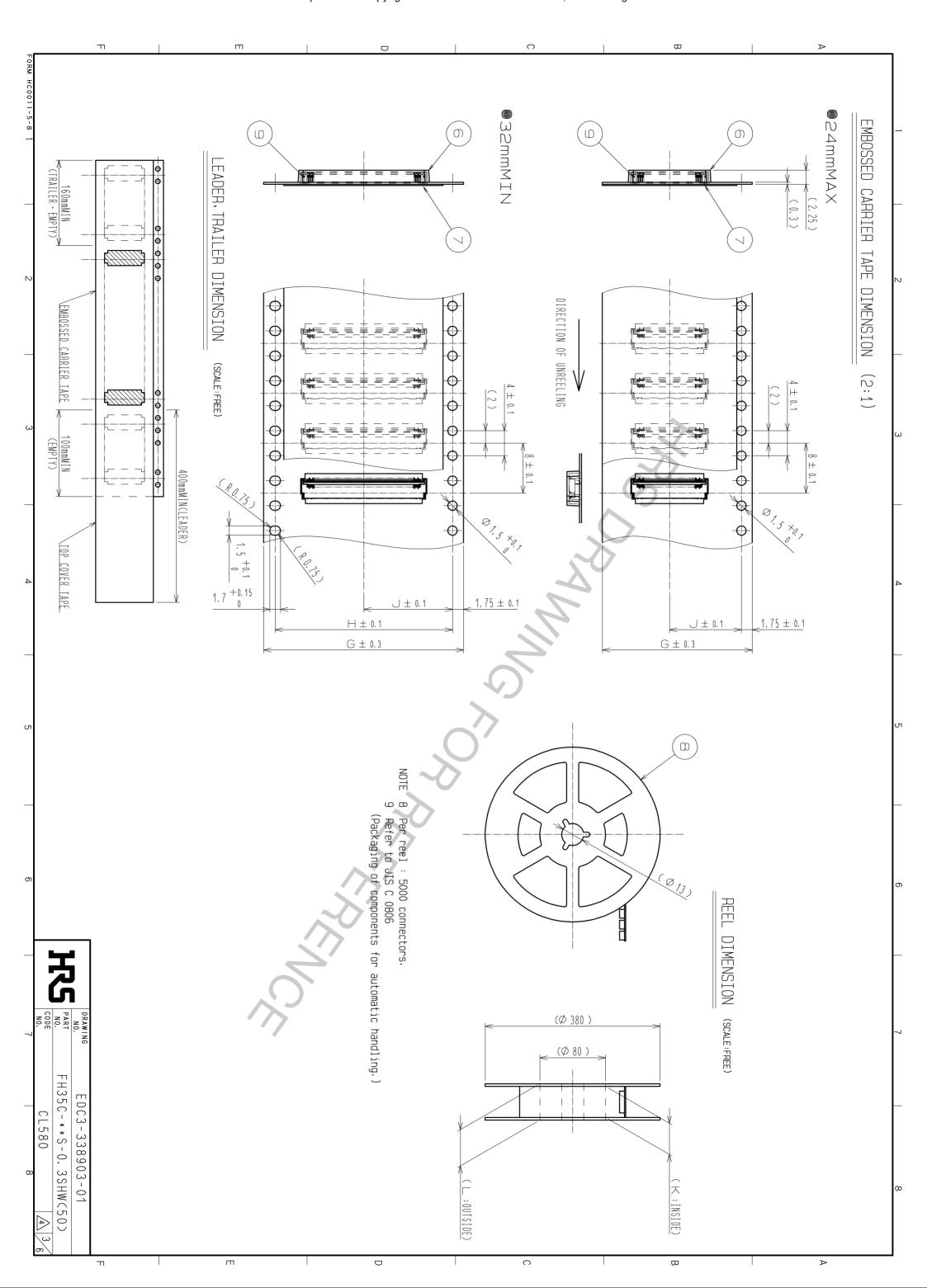




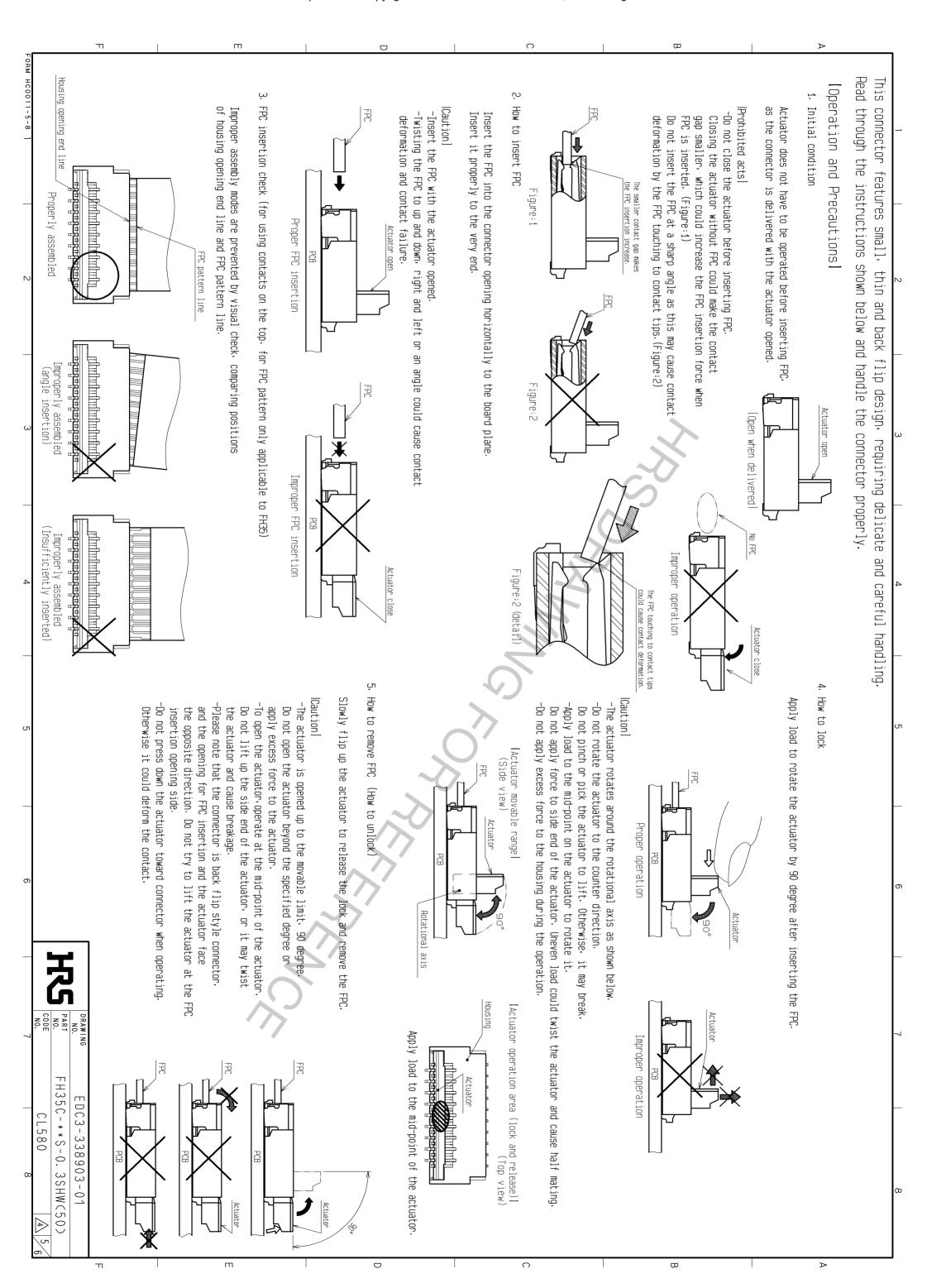








PAPT NAMES					
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	EDC3.			_	



Read This connector features small , thin and back flip design , requiring delicate through the instructions shown below and handle the connector properly. and careful handling.

How to FPC routing

not apply load to FPC when locating FPC.

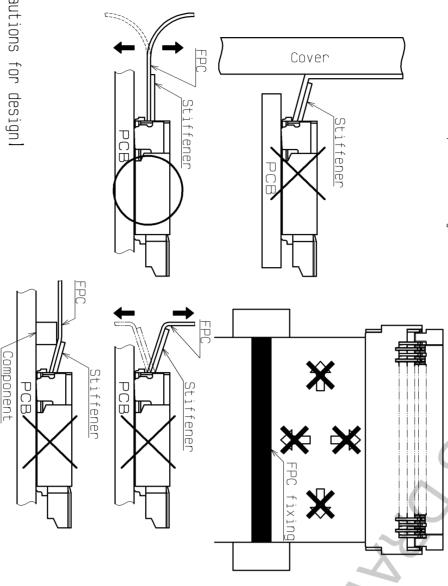
leads to the disconnection break or damage of FPC

In Do addition, there is possibillity to make a conduction failure if applying load to connector.

[Prohibited acts]

- —Please design FPC routing so that FPC stiffener will not interfere with cover case —When fixing FPC avoid appplying forces to FPC in vertical or horizontal directions
- In addition avoid pulling up and down on the FPC.
- -when fixing FPC after FPC cabling avoid pulling FPC and route In this regard the stiffener is parallel to the PCB. the wire FPC with slack.

—Do not mount other components touching to the FPC underneath the FPC stiffener



(Precautions for designl

. During contact failure or FPC breakage. Stabilizing the FPC is recommended. Do not bend the FPC excessively near the connector during use \cdot or it may cause FPC wiring .ensure that stress is not applied directly to the connector

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- 2. Keep a sufficient FPC insertion space in the stage of the layout in order to avoid incorrect FPC insertion.
- Appropriate FPC length and component layout are recommended short FPC length makes assembly difficult. for assembly ease
- 3.Follow the recommended PCB layout .FPC design and the stencil opening design

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- adjustments with the FPC manufacturer for FPC bending performance and wire breakage.
- tor the actuator movement and its operation ţ PCB design and component layout

Instructions for mounting \subseteq the

 \triangleright

◆Warp of PCB Minimize warp of the PCB as much as possible. Lead co-planarity including reinforced metal fittings is 0.1 mm or less. Too much warp of the PCB may result in a soldering failure.

◆Flexible board design Please make sure to put a stiffener on the backside of We recommend a glass epoxy material with the thickness the flexible board. of 0.3mm MIN.

♦Load to Connector Do not add 0.5N or greater external force when unreel or pick and place the connector etcor or it may get broken.
In any in any income the FDC or one one the connector before mounting.

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◆Reflow temperature profile

Apply reflow temperature profile within the specified In individual applications, the actual temperature may depending on solder paste type, volume/thickness and PC Consult your solder paste and equipment manufacturer f ocB size/thickness. for specific recommendations. conditions. vary,

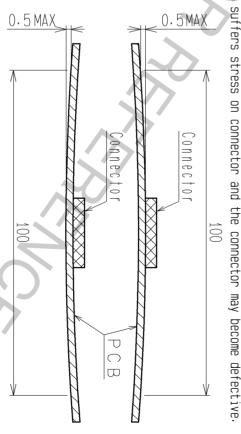
INSTRUCTIONS FOR PCB HANDLING AFTER MOUNTING THE CONNECT 요

♦Load to PCB
•Splitting a large PCB into several pieces
•Screwing the PCB
•Avoid the handling described above so that
Otherwise, the connector may become defect above so that no force become defective. is exerted on the PCB during the assembly process.

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Amount of Warp

warp of a 10 warp of PCB 100mm 00mm wide PCB should be 0.5 mm or less. suffers stress on connector and the co con nector may



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Other instructions

♦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 manual soldering with the FPC inserted into the connector.
- Do not heat the connector excessively. any parts other than connector leads. Otherwise, Be very carefu the l not to let the soldering iron contact connector may be deformed or melt.

Do not supply excessive solder (or flux). If excessive solder (or flux) is supplied on the or rotating parts of the actuator resulting in purplying excessive solder to the metal fittings resulting in breakage of the connector. poor poor contact or a rotation failure of the actuator.
may hinder actuator rotation.

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H7S						
CODE NO.	PART NO.	DRAWING NO.				
CL580	FH35C-**S-0.3SHW<50>	EDC3-338903-01				
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