## imall

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.

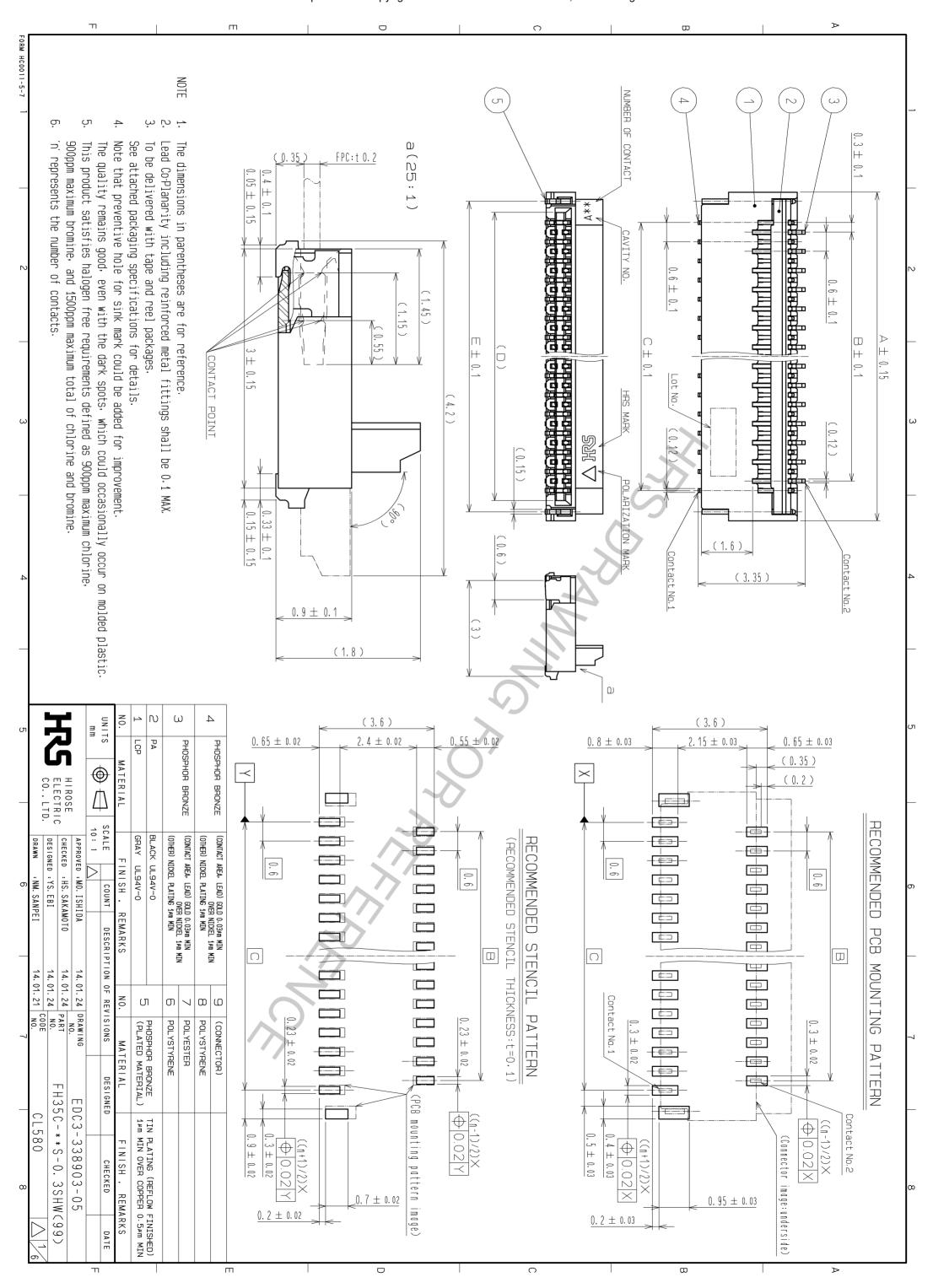
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

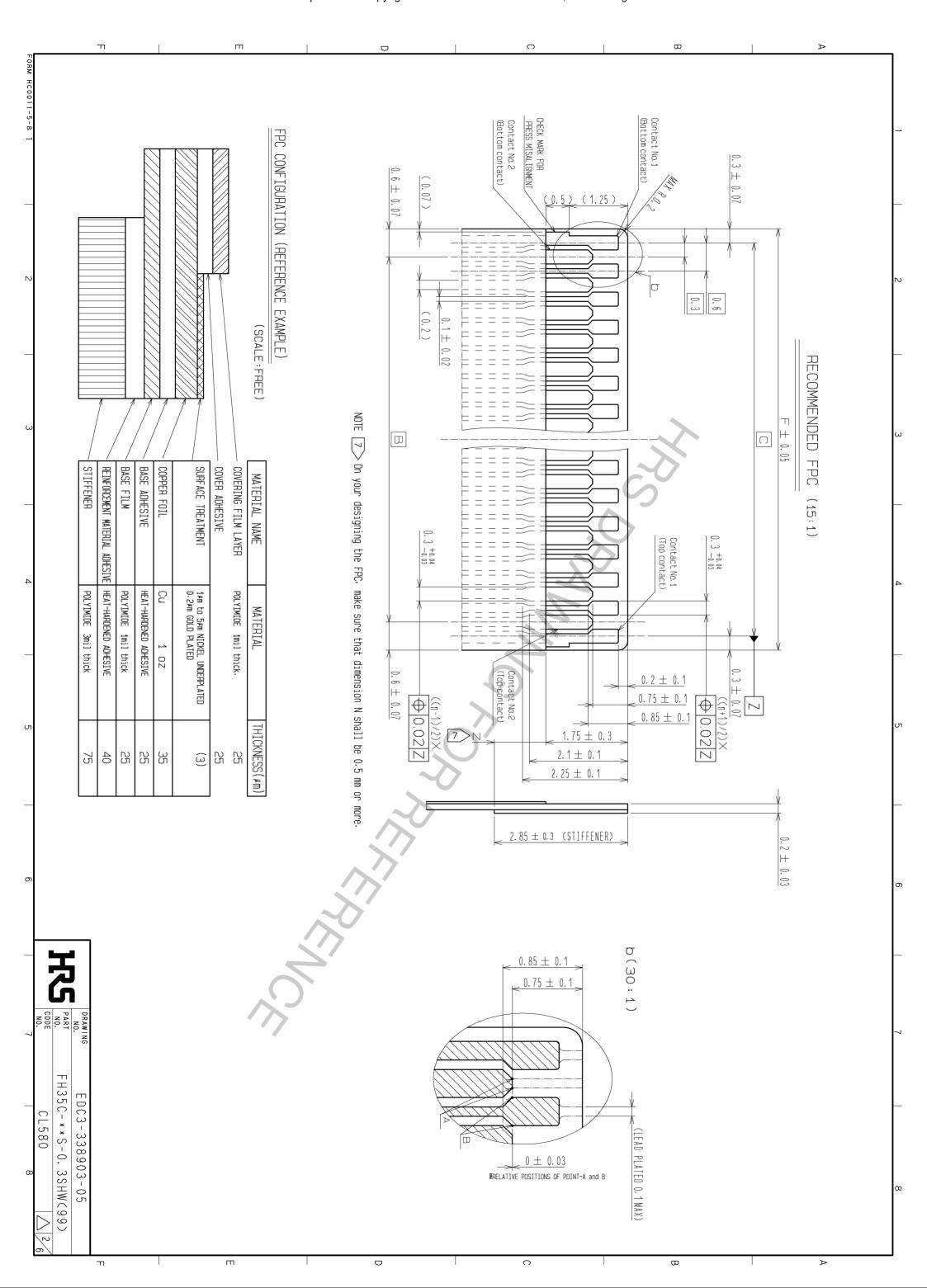


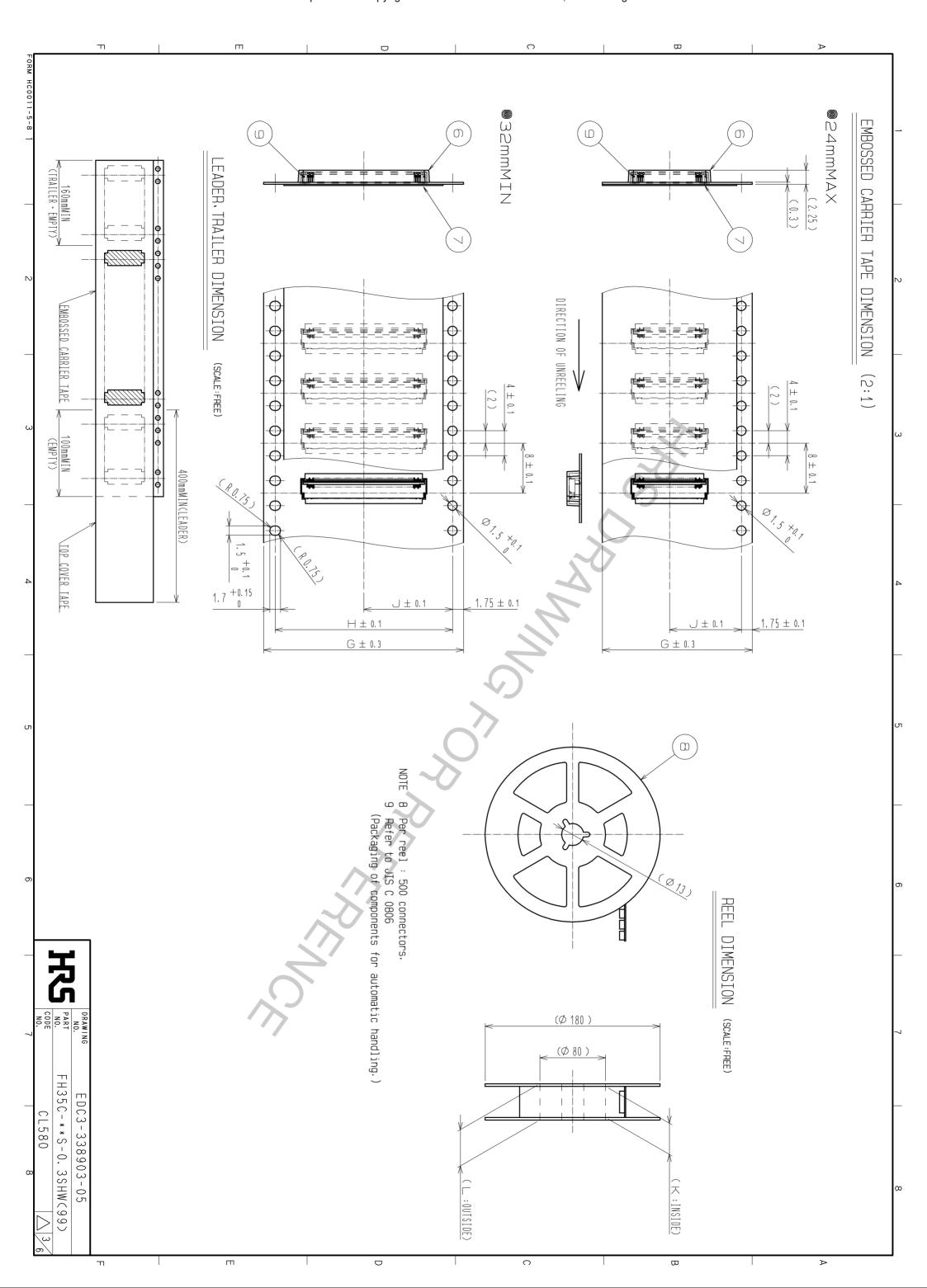
## Contact us

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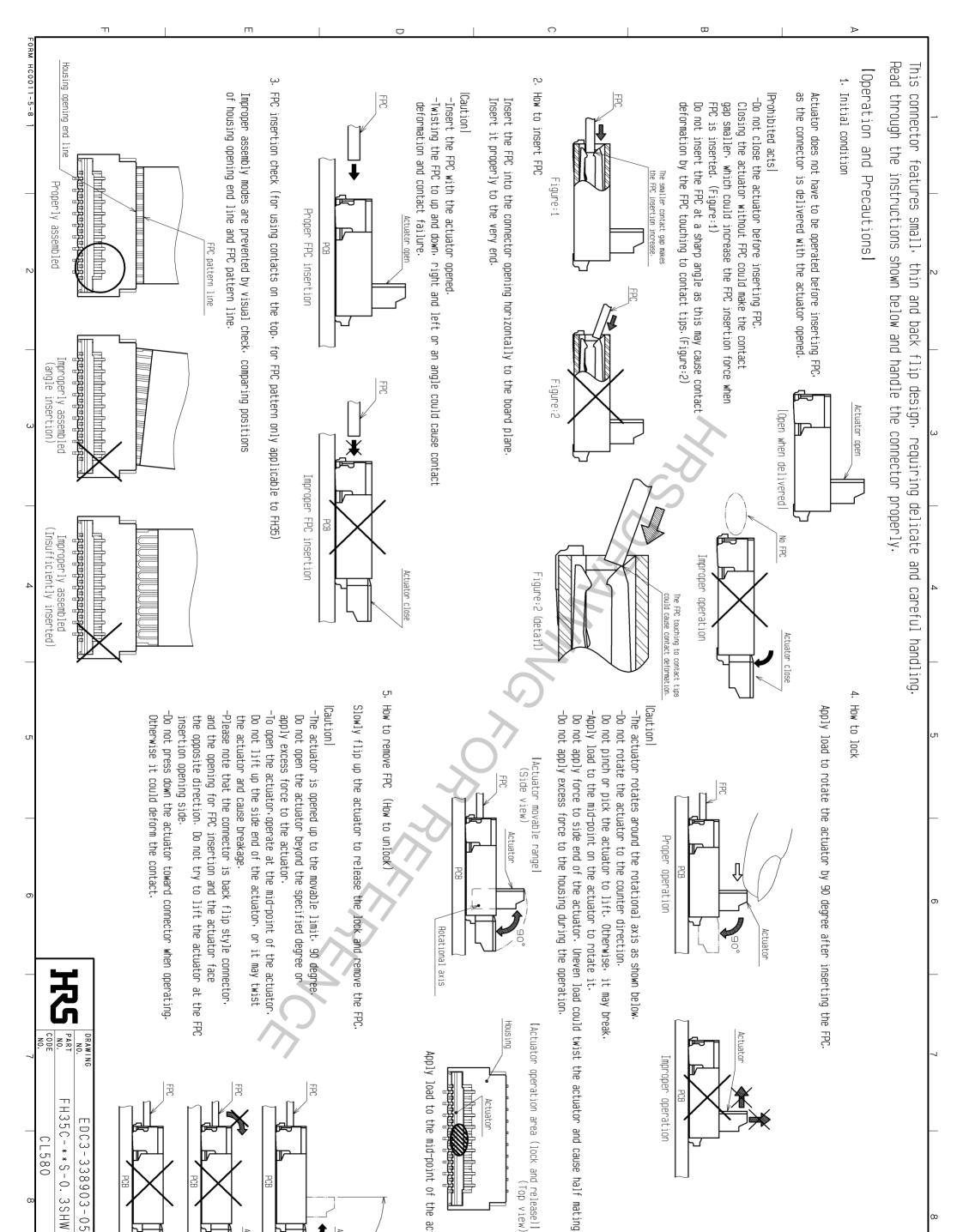
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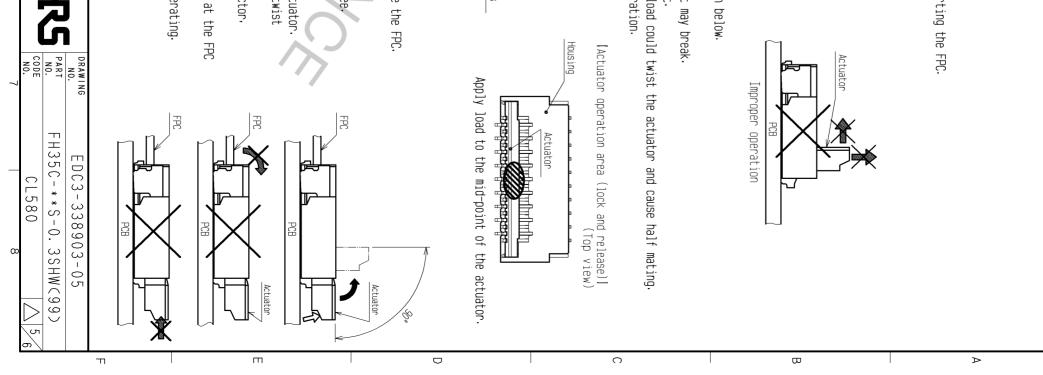
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5.Keep spaces for the actuator movement and its operation for PCB design and component layout.	3.Follow the recommended PCB layout .FPC design and the stencil opening design. 4.Make adjustments with the FPC manufacturer for FPC bending performance and wire breakage.	layout are recommended for assembly e lfficult.	Stabilizing the FPC is recommended. 2.Keep a sufficient FPC insertion space in the stage of the layout in order to avoid	1.During FPC wiring ∙ensure that stress is not applied directly to the connector. Do not bend the FPC excessively near the connector during use ∙or it may cause contact failure on FPC breakane.	IPrecautions for design	Stiffener		Cover Stiffener		-Do not mount other components touching to the FPC underneath the FPC stiffener.	l der	It leads to the disconnection break or damage of FPC. In addition, there is possibillity to make a conduction failure if applying load to connector.	6.How to FPC routing Do not apply load to FPC when locating FPC.	This connector features small $\cdot$ thin and back flip design $\cdot$ requiring delicate and careful Read through the instructions shown below and handle the connector properly.
		ply excessive solder (or flux). ply excessive solder (or flux). ve solder (or flux) is supplied on the g parts of the actuator, resulting in p	not perform manual soldering with the FPC inserted not heat the connector excessively. Be very careful	◆Instructions on manual soldering Follow the instructions shown below when soldering the cor		<u>Connector</u> <u>Connector</u>	Amount of Warp The warp of a 100mm wide PCB should be 0.5 mm or less. The warp of PCB suffers stress on connector and the conne	◆Load to PCB ·Splitting a large PCB into several pieces ·Screwing the PCB Avoid the handling described above so that no force is ex Otherwise, the connector may become defective.	INSTRUCTIONS FOR PCB HANDLING AFTER MOUNTING THE CONNECTOR	◆Reflow temperature profile Apply reflow temperature profile within the specified co In individual applications, the actual temperature may v depending on solder paste type, volume/thickness and PCB Consult your solder paste and equipment manufacturer for	◆Load to Connector Do not add 0.5N or greater external force when unreel or or it may get broken. In addition, do not insert the FPC or operate the connect	◆Flexible board design Please make sure to put a stiffener on the backside of th We recommend a glass epoxy material with the thickness of	◆Warp of PCB Minimize warp of the PCB as much as possible. Lead co-planarity including reinforced metal fittings is Too much warp of the PCB may result in a soldering failur	handling.  Instructions for mounting on the PCB

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