

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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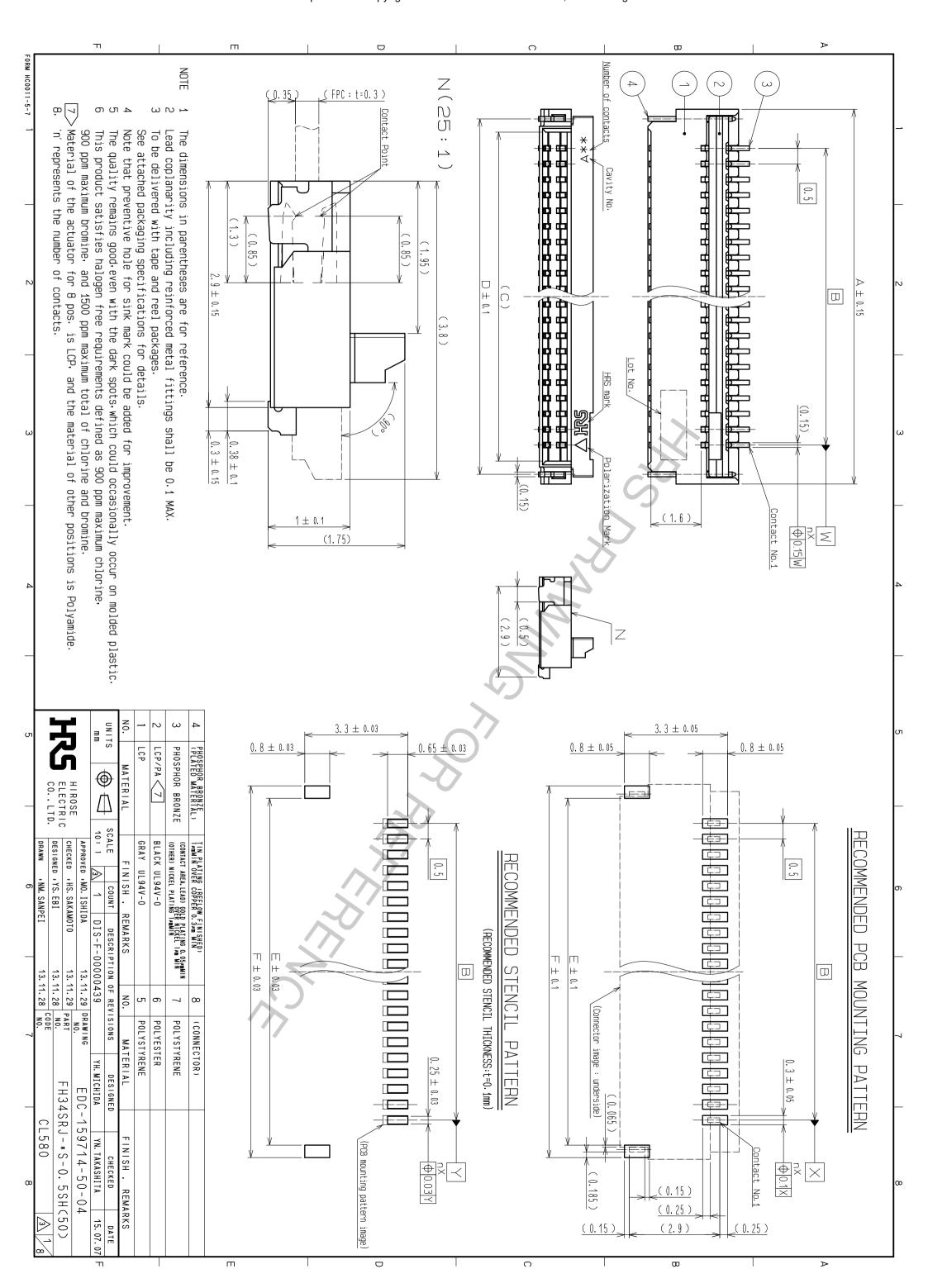
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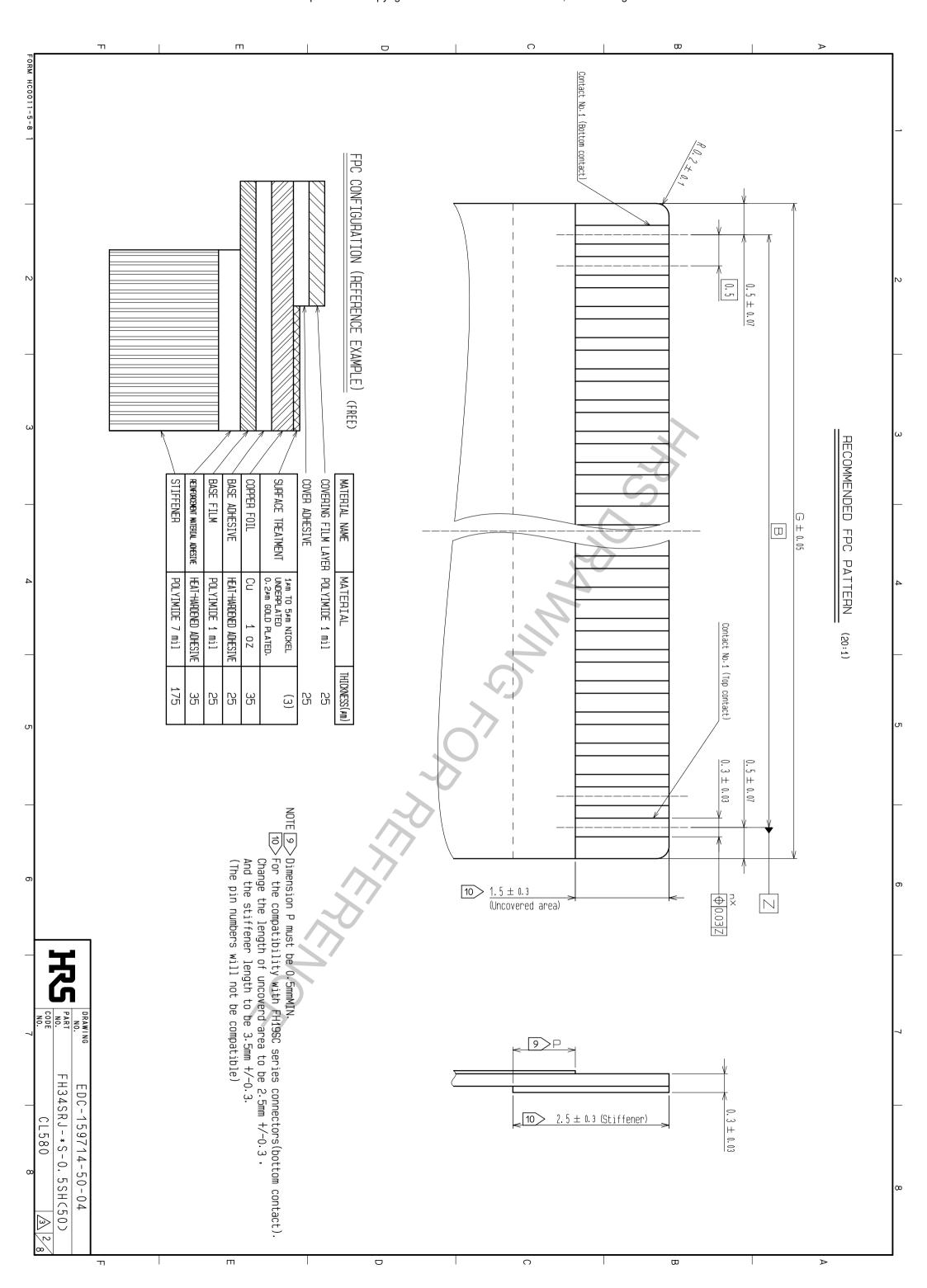
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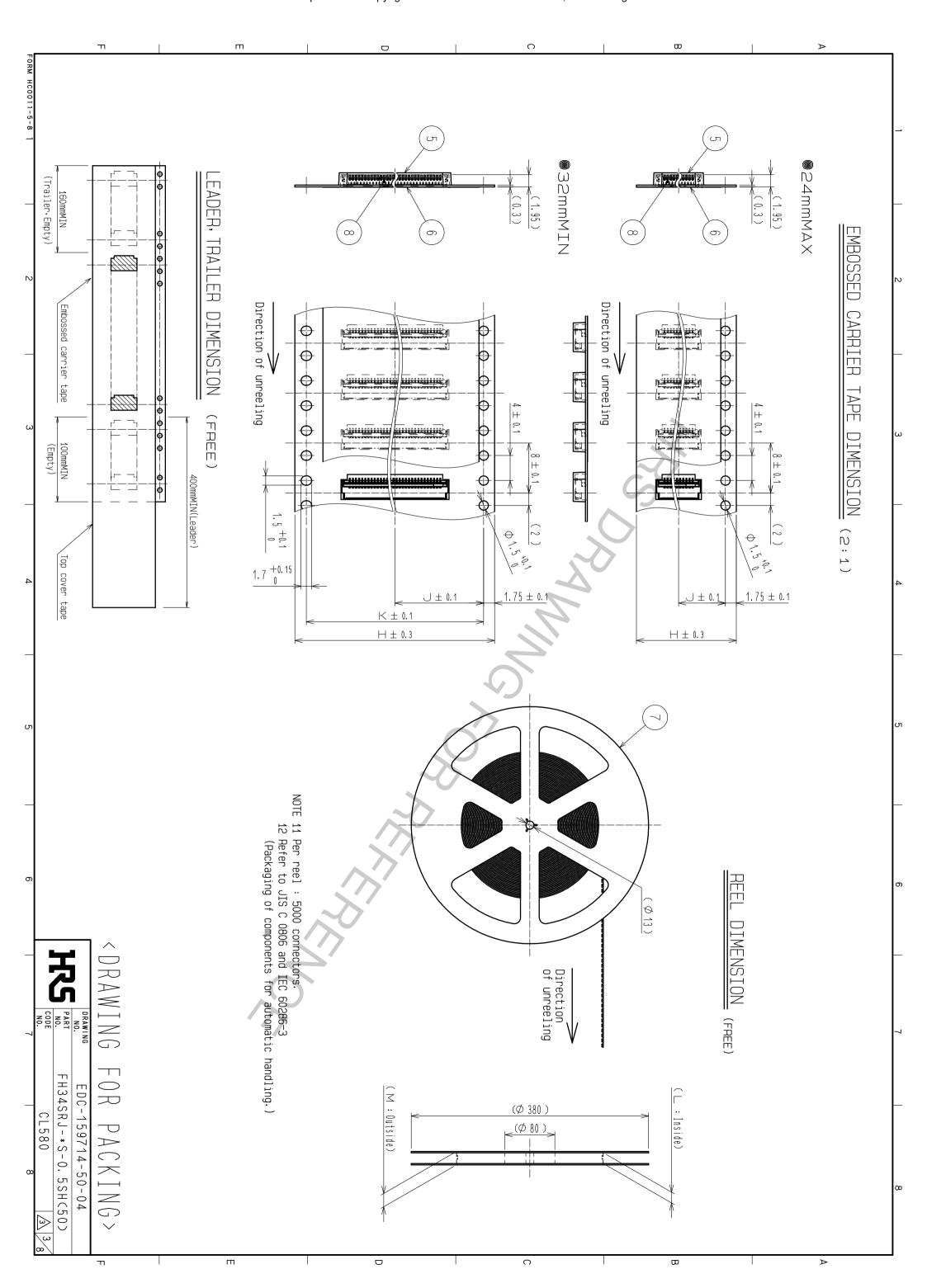




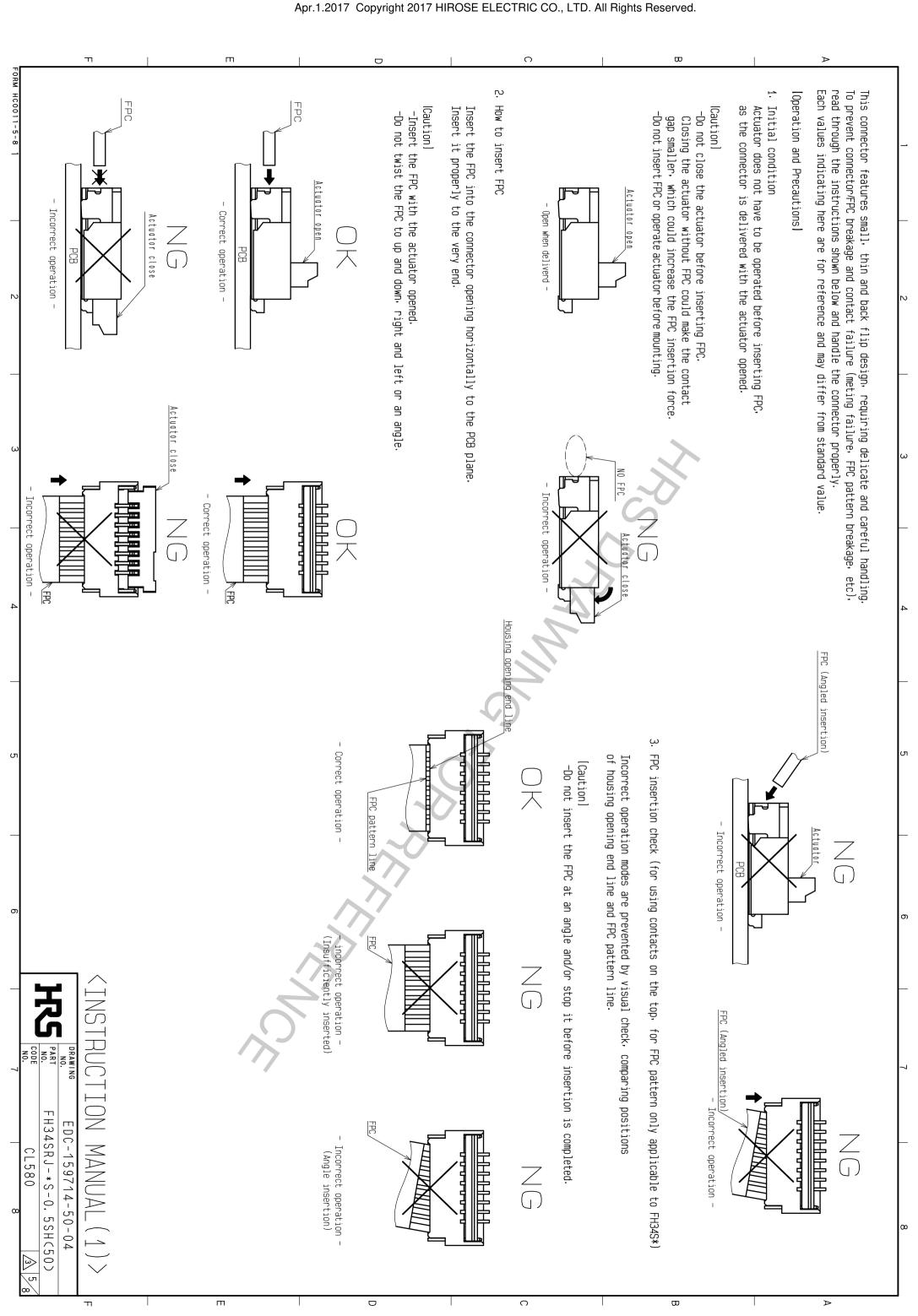


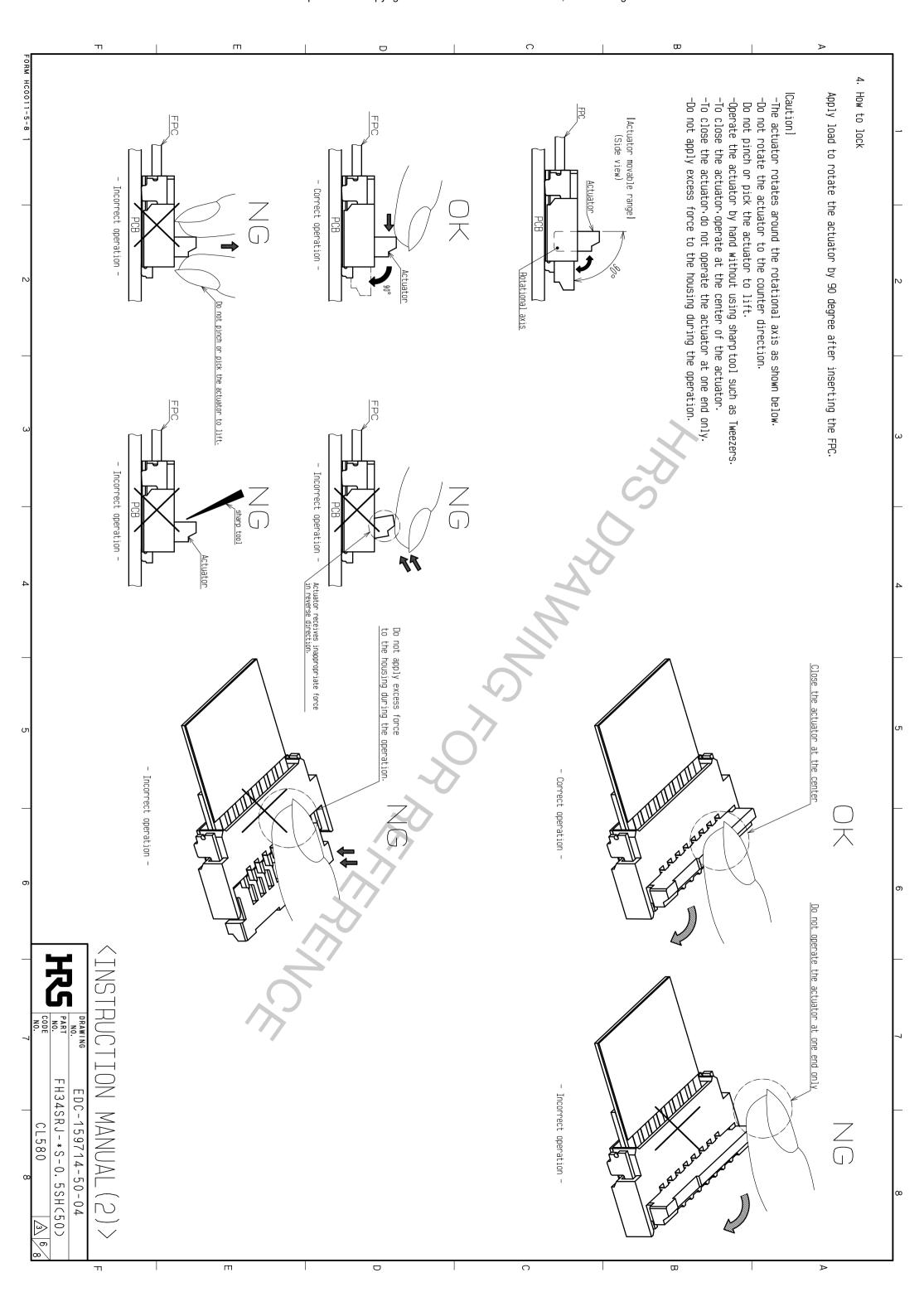


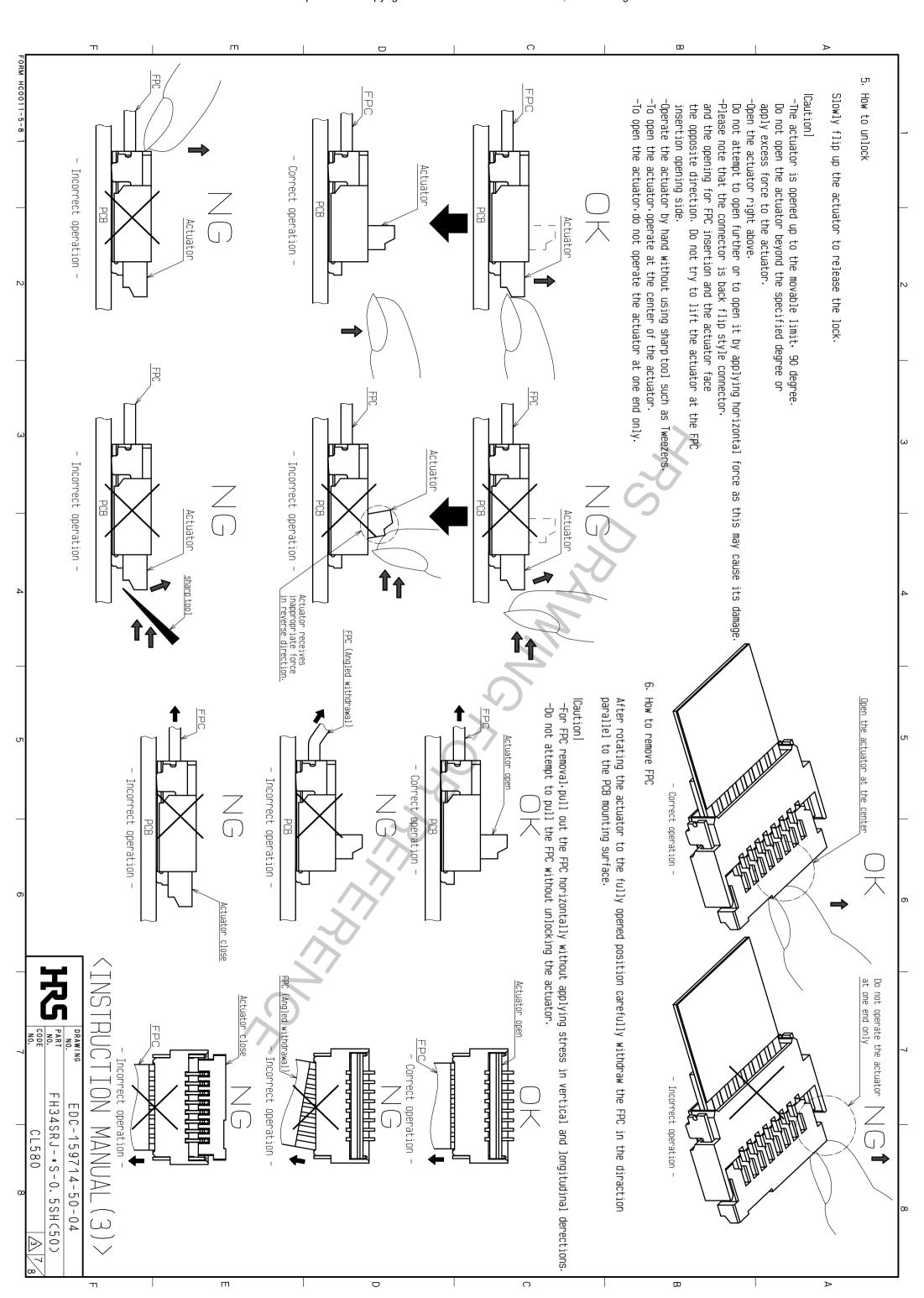




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	S-0.5SH(50)	S-0.5SH(50)	S-0.5SH(50)	S-0.5SH(50)	30S-0.5SH(50)	26S-0.5SH(50)	24S-0.5SH(50)	22S-0.5SH(50)	S-0.5SH(50)	S-0.5SH(50)	6S-0.5SH(50)	4S-0.5SH(50)	S-0.5SH(50)	S-0.5SH(50)	0S-0.5SH(50)	-0.5SH(50)	-0.5SH(50)	-0.5SH(50)	-0.5SH(50)	-0.5SH(50)	-0.5SH(50)		NUMBER	
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	-1266-2-50	-1265-0-50	-1260-6-50	-1261-9-50	-1232-0-50	-1247-8-50	-1255-6-50	-1254-3-50	-1256-9-50	-1248-0-50	-1259-7-50	-1252-8-50	-1253-0-50	-1258-4-50	-1251-5-50	-1262-1-50	-1231-8-50	-1200-0-50	-1236-1-50	-1264-7-50	-1238-7-50		NUMBER	
	50	45	40	34	30	26	24	22	20	18	16	14	12	1	10	9	8	7	6	5	4		NUMBER OF	
	27	24.5	22	19	17	15	14	13	12	=	10	9	∞	7.5		6.5	6	5.5	5	4.5	4	>		
	24.5	22	19.5	16.5	14.5	12.5	11.5	10.5	9.5	8.5	7.5	6.5	5.5	IJ	4.5	4	3.5	ယ	2.5	2	1.5	B	DIMENSION	
	25.5	23.03	20.5	17.53	15.5	13.5	12.57	11.5	10.5	9.57	8.57	7.53	6.53	6.03	5.53	5.03	4.53	4.03	3.53	3.03	2.53	C	1 2 O I	
	3 26.38	3 23.88	3 21.38	3 18.38	7 16.38	7 14.38	7 13.38	7 12.38	7 11.38	10.38	9.38	8.38	7.38	6.88	6.38	5.88	5.38	4.88	4.38	3.88	3.38	D	F CONN PATTER	
	3 26.1	3 23.6	3 21.1	3 18.1	3 16.1	8 14.1	3 13.1	12.1	3 11.1	3 10.1	9.1	8.1	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	П	CONNECTOR, ATTERN AND S	
	26.9	24.4	21.9	18.9	16.9	14.9	13.9	12.9	11.9	10.9	9.9	8.9	7.9	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	П	R, FPC,PCB STENCIL	
	25.5	23	20.5	17.5	15.5	13.5	12.5	11,5	10.5	9.5	8.5	7.5	6.5	6	5.5	ى ت	4.5	4	သ .51	ω	2.5	G	CB	
	44	44	44	32	32	24	24	24	24	24	24	24	24	16	16	16	16	16	16	16	16	I	D	
	20.2	20.2	20.2	14.2	14.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	د	DIMENSION FOR P,	
	40.4	40.4	40.4	28.4	28.4	ı	1	ı	ı	ı	ı	ı	ı	ı	ı	ı	1	ı	ı	ı	ı	7		
	45.4	45.4	45.4	33.4	33.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	Г	OF DRAWING ACKING	
п р р	49.4	49.4	49.4	37.4	37.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	3	NG	







[Precautions for design]

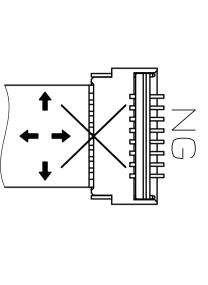
- 1. During FPC wiring ensure that stress is Do not bend the FPC excessively near the contact failure or FPC breakage. Stabilizing the FPC is recommended. not applied directly to the connector connector during use or it may cause
- layout in order to avoid
- 2.Keep a sufficient FPC insertion space in the stage of the layout in order to a incorrect FPC insertion.

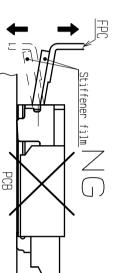
  Appropriate FPC length and component layout are recommended for assembly ease. Too short FPC length makes assembly difficult.
- 3. Follow the recommended PCB mounting pattern. stencil opening design and the FPC
- 4. Make adjustments with the FPC manufacturer for FPC bending performance and wire breakage.
- 5. Keep spaces for the actuator movement and its operation for PCB design and component layout.

[FPC routing after connection]

Depending on a FPC rounding, a O prevent a failure, take the following notes into a consideration during mechanism design. load is applied to the connector. and a contact failure may occur.

- —Avoid applying 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 the wire FPC with slack. In this regard the stiffener is parallel to the PCB.
- Do not mount other components touching to the FPC underneath the FPC stiffener.



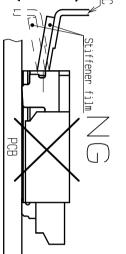


Stiffener

film

Component part

<u>Stiffener film</u>



Instructions for mounting on the PCB

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

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♦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 or it may get broken.

In addition, do not insert the FPC o insert the FPC or operate the connector before mounting. force when unreel or pick and place the connector etc

♦Reflow temperature profile Apply reflow temperature profile within the specified In individual applications, the actual temperature ma depending on solder paste type, volume/thickness and F Consult your solder paste and equipment manufacturer the specified conditions.

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may vary. d PCB size/thickness. er for specific recommendations.

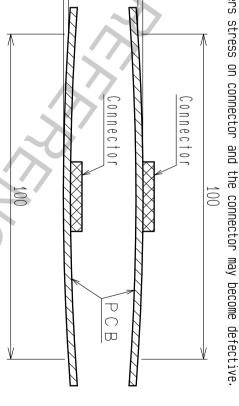
## INSTRUCTIONS FOR PCB HANDLING AFTER MOUNTING THE CONNEC 贸别

### ◆Load to PCB

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

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Amount of Warp The warp of a 100mm wide PCB st The warp of PCB suffers stress 100mm wide PCB should be 0.5 mm or less. OB suffers stress on connector and the connector



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## Other instructions

0.5 MAX

- lacktriangleInstructions on manual soldering follow the instructions shown below when soldering the connector manually during repair work, etc.
- 1. Do not perform manual soldering with the FPC inserted into the connector.

 $\Box$ 

- Do not heat the connector excessively. any parts other than connector leads. Otherwise, Be very caref ful not to let the soldering iron contact e connector may be deformed or melt.
- Do not supply excessive solder (or flux). If excessive solder (or flux) is supplied on the ter or rotating parts of the actuator, resulting in poor Supplying excessive solder to the metal fittings may resulting in breakage of the connector. rminals, solder or flux may adhere to the contacts r contact or a rotation failure of the actuator. y hinder actuator rotation.

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# NSTRUCTION MANUAL (4)

PART FH34SRJ-*S-0.5SH(50)  ROCODE CL580    DRAWING   EDC-159714-50-04		<u> </u>		H (
	CODE NO.	PART NO.	DRAWING NO.	() () -
	5	H34SRJ-*S-0.	DC-159714-50-C	
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