

This connector requires delicate and careful handling. Read through the instructions shown below and handle the connector properly. Each values indicating here are for reference and may differ from standard value.

INSTRUCTIONS FOR MOUNTING ON THE BOARD!

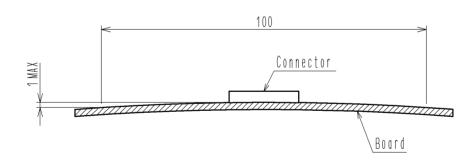
♦ Warp of Board

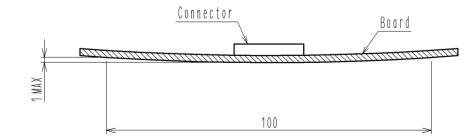
Minimize warp of the Board as much as possible. Lead co-planarity including reinforced metal fittings is 0.1 mm or less. Too much warp of the Board may result in a soldering failure.

♦Load to Connector

♦ Lord to Board

♦ Amount of Warp

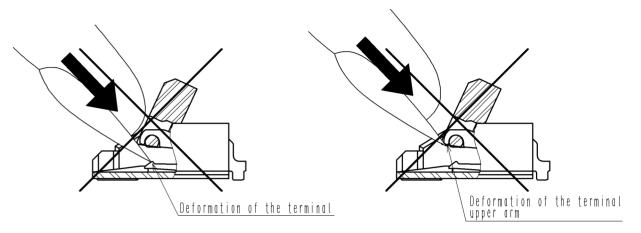




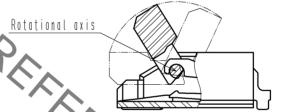
INSTRUCTIONS ON INSERTING FPC AND CONNECTION!

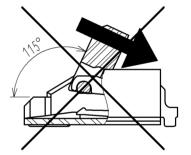
♦ Use of the Actuator

- 1. Be very careful not to apply excessive force when releasing the actuator in the initial position.
 - If you use your nail or finger as shown below, the terminals may be deformed.

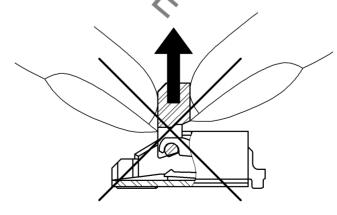


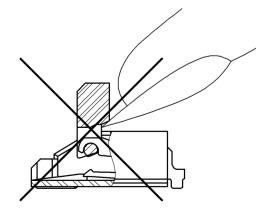
- 2. The actuator rotates around the rotational axis as shown below. Rotate the actuator.
- 3. The actuator will not open more than 115°. Do not apply any force backward beyond this point. Otherwise, the actuator may come off or break.





- 4. Move the actuator at approximately the center.
- 5. Do not pinch or pick the actuator to lift it as shown below. Otherwise, it may break. (Do not carry out any operation other than rotating the actuator as shown in 2 above.)





<INSTRUCTION MANUAL(1)>

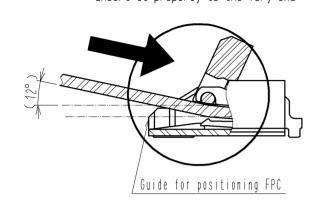
HS.	DRAWING NO.	EDC3-351252-01		
	PART NO.	FH55-22S-0.5SH		
	CODE NO.	CL580-3707-7-00	\triangle	4/5

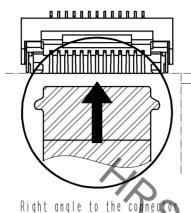
FORM HC0011-5-8 1

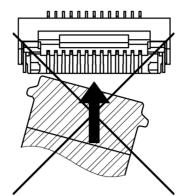
♦ Direction of Contacts
This connector has contacts on the bottom. Thus, insert FPC with the exposed conductors face down.

♦ Inserting the FPC

1. Insert the FPC by about 12 degrees along the surface and at a right angle to the connector. Insert it properly to the very end.







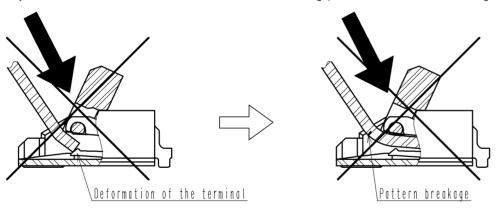
2. Do not insert the FPC diagonally from above.

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

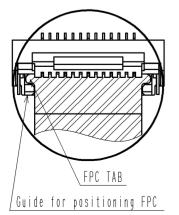
* Keep a sufficient FPC insertion space in the stage of the layout in order to avoid incorrect FPC insertion.

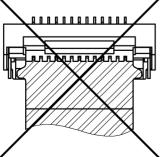
Besides, it is not difficult to insert FPC correctly all the way to the end-Design the proper layout of parts.

* Make adjustments with the FPC manufacturer for FPC bending perfomance and wire breakage.

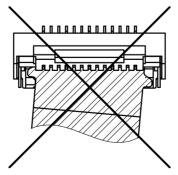


3. Do not rotate the actuator when FPC TAB is on right and left guides for positioning FPC. Make sure the position of FPC TAB and guides before rotate the actuator.





When FPC TAB is on right and left guides for positioning FPC.
it causes the loose connection.



When FPC TAB is on right or left guide for positioning FPC. it causes the loose connection.

♦ Checking the Locking Condition

In the locked condition, make sure that the actuator is horizontal on the Board surface. Do not apply excessive force to it near the 0° position of the actuator. Otherwise, the terminals may be deformed.

[INSTRUCTIONS ON FPC LAYOUT AFTER CONNECTION]

♦ Load to FPC

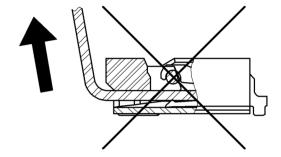
Be very careful not to apply any force to the connector directly after inserting FPC.

Otherwise, the connector may become unlocked or the FPC may break.

In particular, design the FPC layout with care not to bend it sharply upward in a vertial direction near the insertion opening.

Fix the FPC when loads are applied to it continuously.

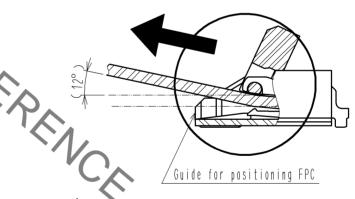
Load:0.05Xn N MAX



[INSTRUCTIONS ON REMOVING FPC]

- ♦ Move the actuator at approximately the center.
- ♦ Release the actuator to remove the FPC.

 Remove the FPC by about 12 degrees along the surface.



[OTHER INSTRUCTIONS]

- ♦ Instructions on Manual Soldering
- Follow the instructions shown below when soldering the connector manually during repair work, etc.
- 1. Do not perform reflow soldering or manual soldering with the FPC inserted into the connector.
- 2. Do not heat the connector excessively. Be very careful not to let the soldering iron contact any parts other than connector leads. Otherwise, the connector may be deformed or melt.
- 3. Do not use excessive solder (or flux).

If excessive solder (or flux) is used on the terminals, solder or flux may adhere to the contacts or rotating parts of the actuator, resulting in poor contact or a rotation failure of the actuator. Supplying excessive solder to the reinforcing bracket may hinder actuator rotation, resulting in breakage of the connector.

<INSTRUCTION MANUAL(?)>

HS.	DRAWING NO.	EDC3-351252-01		
	PART NO.	FH55-22S-0.5SH		
	CODE NO.	CL580-3707-7-00	5/	
			0	

FORM HC0011-5-8 1 2 3 4 5

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for FFC & FPC Connectors category:

Click to view products by Hirose manufacturer:

Other Similar products are found below:

K-FC20 FH29B-80S-0.2SHW(99) FPH-2022G AYF332735 52610-1075 52610-1275 52610-1934 501864-3091-TR225 086222026001800 52610-0675 62684-36210E9ALF 52746-1671-TR250 10051922-2810EHLF 6-520415-9 SFV6R-1STE9HLF XF3M-2915-1B-R100 1658549-1 46214008010800 AYF534065TA AYF351525 086212040340800+ AYF530365TA 67000-014LF 67000-004LF 006207341915000+ DS1020-19RT1D 67000-003LF 67000-011LF 67000-016LF HFW14R-2STE9LF SFV32R-2STBE9HLF SFW12R-5STE9LF SFW18R-1STAE9LF SFW4R-5STE9LF 52807-0430 046283021002868+ THD1015-8CL-SN 67000-006LF 502250-8027 104267-9617 66987-011LF AYF362535 F0501-T-50-20T-R HFW8S-2STAE1HLF 67000-008LF 67000-012LF ECC576069EU F1002-B-20-20T-R HFW15S-2STAE1HLF 0781271110