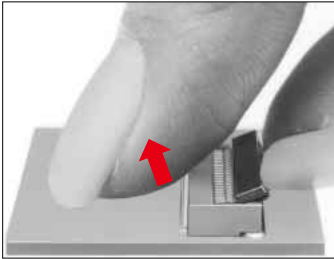
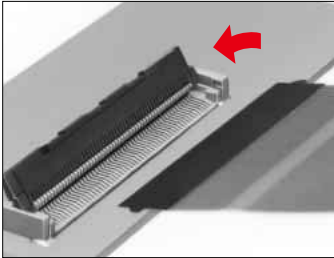
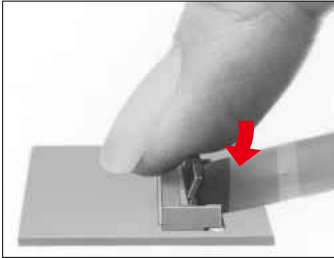
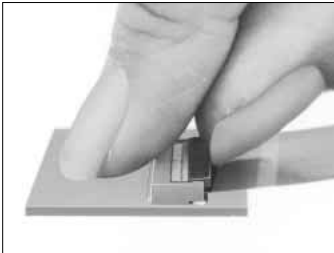
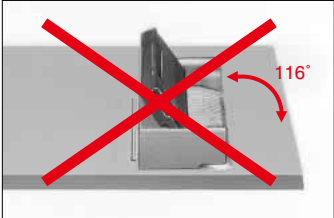
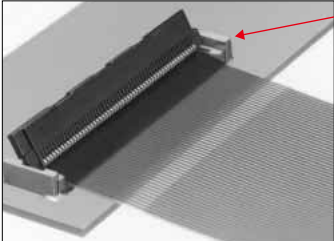
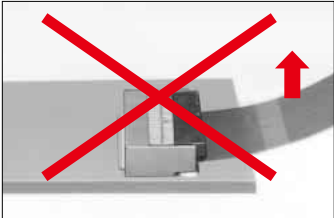
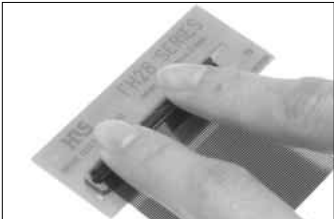
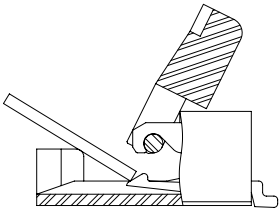
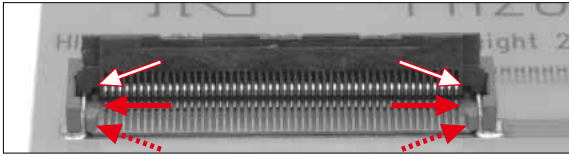
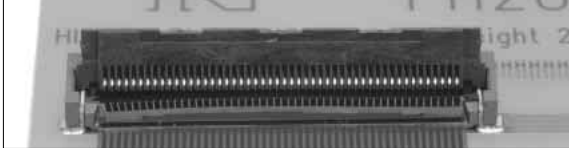
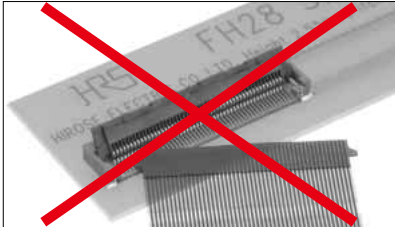
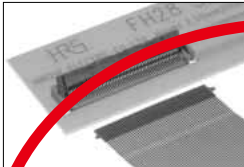
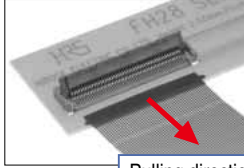
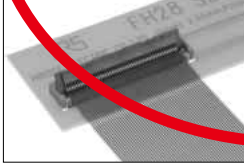
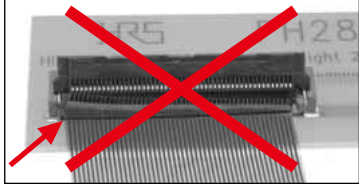


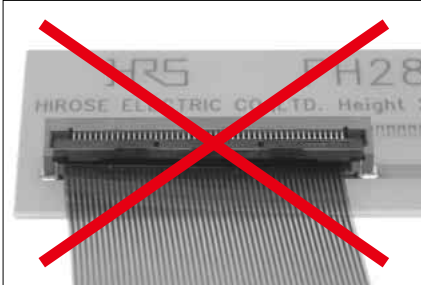
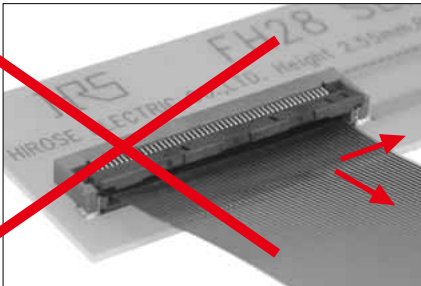


■ Operation Methods of Connector and Precautions

Operation Methods	Precautions for use
<p>1. FPC/FFC insertion method</p> <p>① Rotate the actuator upward to unlock it The actuator can be easily operated with the use of a thumb nail or index finger.</p>  <p>② Insert the FPC/FFC with the contact surface facing down. FH28 is a bottom contact type connector. Insert FPC/FFC from the diagonally left side of the connector. Insert the FPC/FFC at a diagonal angle and lay it into position. Insert it until the FPC/FFC is securely hooked on the positioning area. Check to see if it is retained by pulling lightly on it. For detail, refer to the next page.</p>  <p>③ Rotate the actuator downward.</p>  <p>2. Removing the FPC/FFC</p> <p>① Rotate the actuator upward, then angle the FPC/FFC upward after the actuator has been released and remove the FPC/FFC straight out.</p> 	<p>① The actuator on the FH28 series connector is designed to open to a maximum of 116 degrees, trying to open it farther than that will lead to damage.</p>  <p>② Insert the FPC/FFC into the insertion slot as show below. Improper insertion can lead to damage and ultimately malfunction.</p>  <p>③ Do not pull on the FPC/FFC in an upward direction, doing this can damage the connector as it is not equipped to handle a large amount of force in this direction.</p>  <p>④ When dealing with a higher contact count (80 positions), be sure to use two fingers to close the actuator on both sides. Using one finger might not close it completely and leave an incomplete connection.</p>  <p>⑤ When inserting FPC/FFC, do not rub it hard on the lower surface of the insertion slot of the connector. Otherwise, the contact hits hard on the FPC/FFC, and may cause the deformation of the contact or conductor separation etc. of the FPC/FFC. During the insertion of the FPC/FFC, make sure that</p> 

■ Cautions when mating FFFC/FPC with positioning tabs

Operation Methods	Precautions for use
<p>1. Position for insertion</p> <p>Insert the cable into the gap (.....▶) between the side walls (=>) on both sides of the cable insertion port' and the 'guide walls (→) on both sides of the inner part of the connector' putting the tab of the cable on the gap.</p>   <p>2. Cautions during insertion/mating</p> <p>❶ Do not insert the FPC/FFC at an skewed angle (as shown), this type of action may cause the corner of the cable to get hooked and deform its contacts.</p> <p>Skewed insertion </p> <p>Insert the cable straight into the connector opening and hook the cable tab onto the guide. Pull the cable towards yourself with a slight force after insertion, and close the actuator after confirming that the cable tab is completely secured. If it cannot be pulled to out, the cable can be determined to be inserted into the correct position.</p> <p>Recommended mating method</p>  <p>❶ Insert the cable straight from the diagonally left side.</p>  <p>❷ Pull the cable lightly to yourself and check if the tab is secured.</p> <p>Pulling direction</p>  <p>❸ Close the actuator.</p>	<p>❷ PC/FFC must not over lap</p> <p>Do not close the actuator until the FPC/FFC has been placed into its correct position. If it is sitting on the guides and the actuator closes onto it, it can cause damage and alter its performance.</p> <p>Incorrectly placed onto the left guide </p> <p>Incorrectly placed onto the right guide </p> <p>Normal insertion </p> <p>Do not close the actuator with the cable sitting on either guide.</p>  <p>In case you accidentally close the lock with the cable sitting on the guides, do not move the cable around to make it seat. Open the actuator immediately and reposition the cable as explained in “1. Position for insertion” noted above.</p> 

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