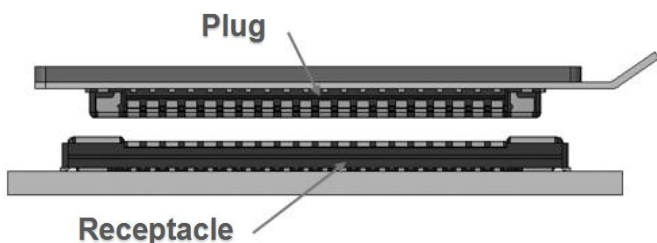


## 1. Scope

This Instruction upon usage covers the FBB03502 series.

This specification is written based on the supposition that the receptacle is mounted on PCB (Hard PCB) and the plug is mounted on FPC. In the case of the receptacle is mounted on FPC and the plug is mounted on PCB (Hard PCB) is also covered.

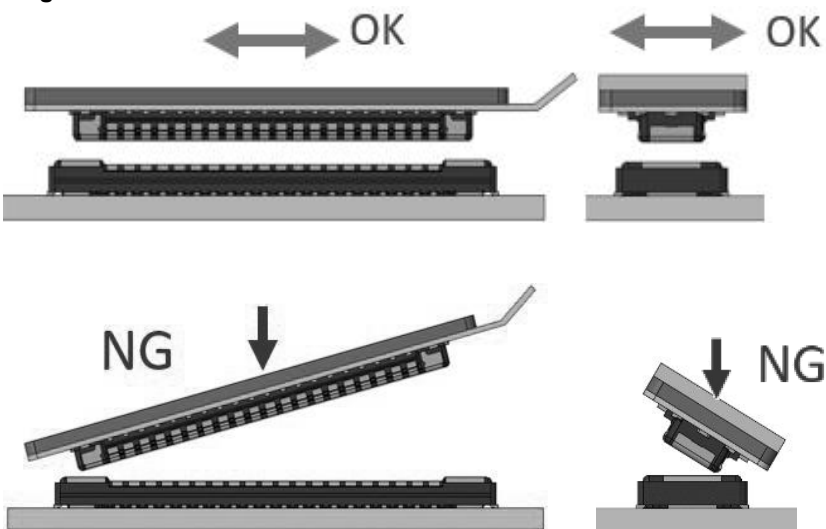
Receptacle contains formable terminal. Please pay attention to un-mating process of connectors if you mount Receptacle on FPC.



## 2. Mating

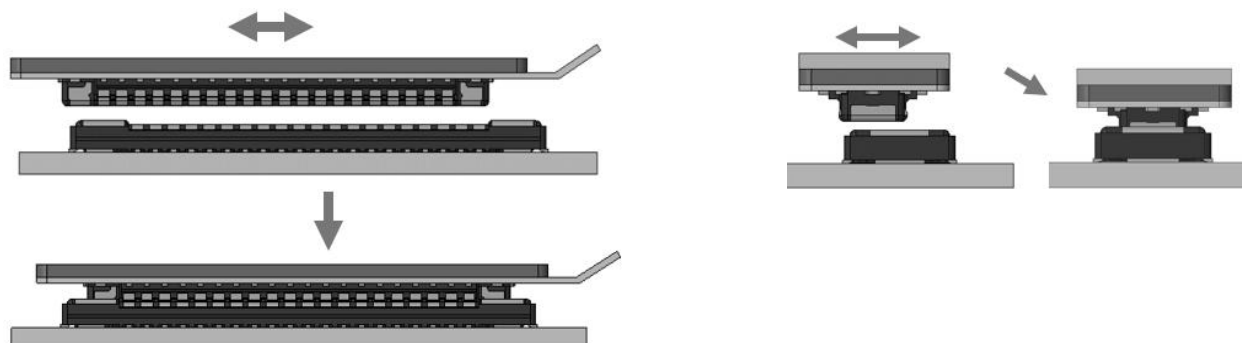
- Use parallel alignment to ensure correct insertion. Do not apply excessive force. If excessive force is applied, the connector may be damaged or scratched, resulting in electrical contact failure.

### Alignment method



- Insert guide will guide the connector into parallel during insertion and limit its movement from front to back and left to right. Please insert it in parallel according to the picture below.

### Please align the connectors

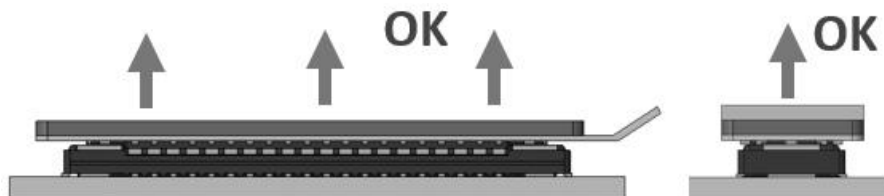


Make sure the connectors mated completely

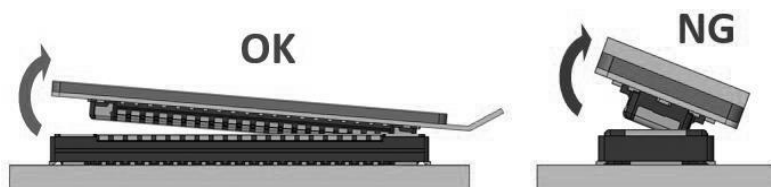


### 3. Um-mating

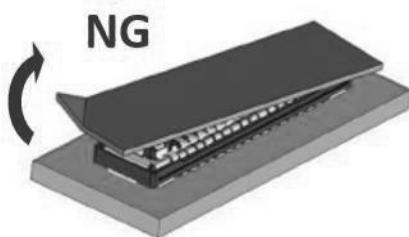
- Pull out the connector in parallel



- If you cannot pull out the connector in parallel, lift it from the center of one end of the connector as shown in the figure. However, when the FPC strength is insufficient, the connector may be broken. Please confirm while operating.



- As shown in the picture, when the PCB board is pulled out by force at only one Angle, the terminals and connectors may be damaged.



- Please do the design of the FPC reinforcement board. When the FPC strength is poor, the connector will break, as shown in the figure.

Please repeat the operation to confirm when using FPC. The auxiliary reinforcement plate is recommended to use epoxy resin material of 0.3mm or above and stainless steel sheet of 0.2mm or above.

