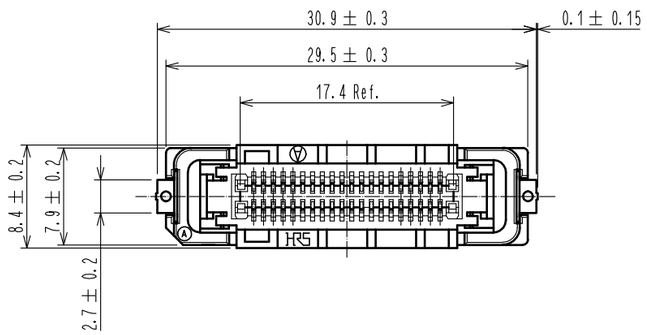
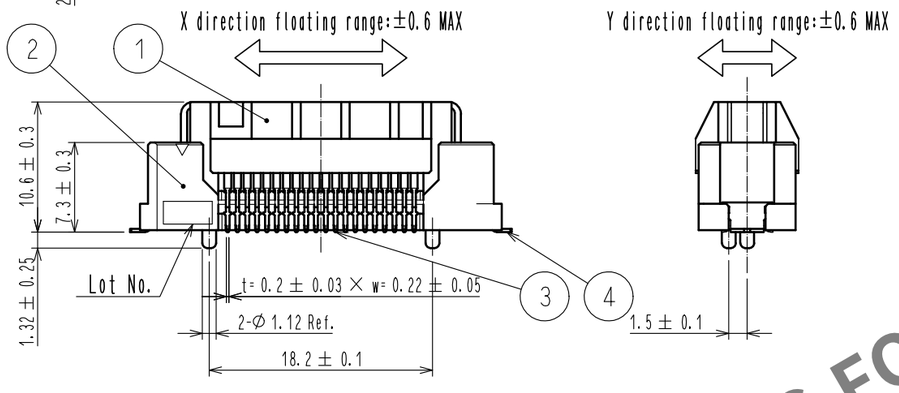
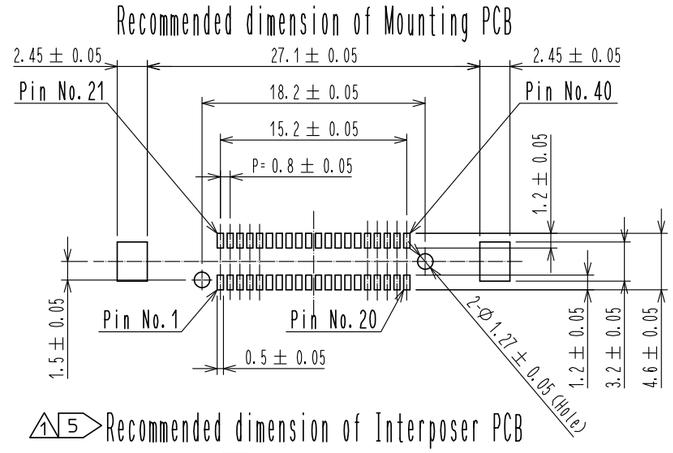
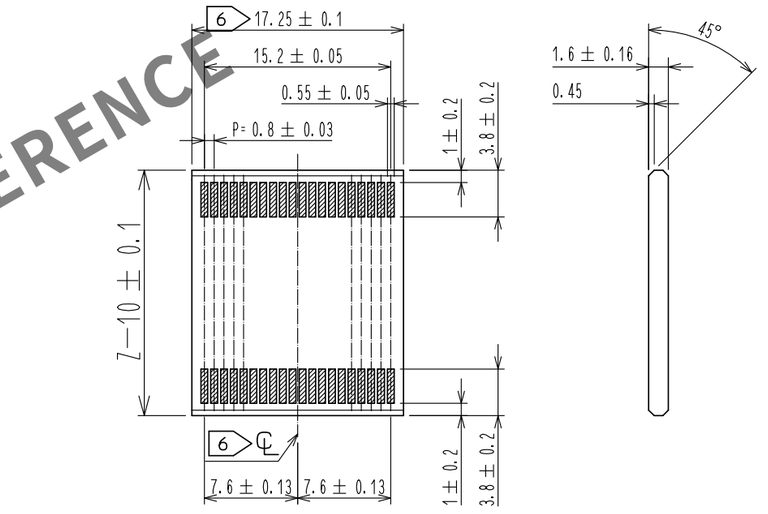
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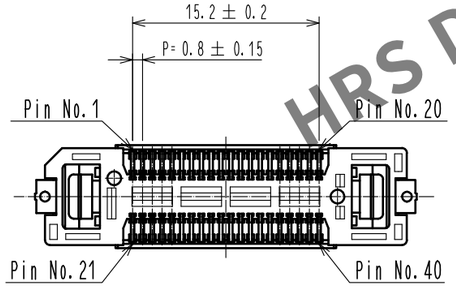
HRS DRAWING FOR REFERENCE

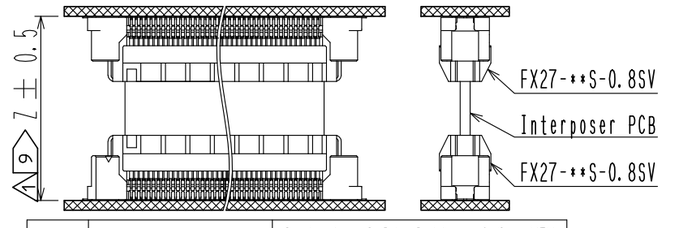


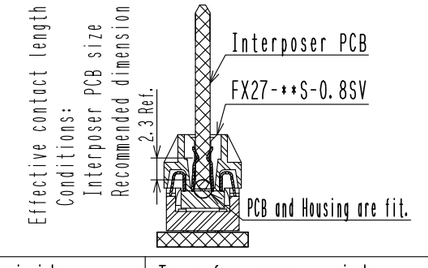




Note
1. Lead CO-Planarity is 0.1mm MAX.
2. Packing type : Tape and reel. 300pcs per reel.
3. It shows the vacuum pickup area.
   Remove the mylar tape before mating connectors.
4. Blemish and hit mark can be occured through out
   the manyufwakuchuaringu process which doesn't affect quality level.
5. Recommended dimension of Interposer PCB.
6. ℄ mark indicates the center line of outer dimension of 17.25mm.
7. Those dimensions indicate the cutout area for pre-fixing lock.
8. Hatching area of INTERPOSER PCB shows the contact area with connector.
   The plating is Nickel 3μm min + Gold 0.2μm to 0.4μm(Electroplating and hard plating).
9. Stacking Height : 22mm Min.

| NO. | MATERIAL | FINISH , REMARKS | NO. | MATERIAL | FINISH , REMARKS |
|---|---|---|---|---|---|
| 3 | Copper alloy | Contact: Gold plating 0.2μm MIN<br>Lead : Gold plating 0.03μm MIN<br>Under :Nickel plating 1.3μm MIN | 7 | Polyimide | Tape for vacuum pickup |
| | | | 6 | Polystyrene | Emboss cover tape |
| 2 | Polyamide | Black. UL94V-0 | 5 | Polystyrene | Emboss carrier tape |
| 1 | Polyamide | Black. UL94V-0 | 4 | Brass | Tin reflow plating 1μm MIN |

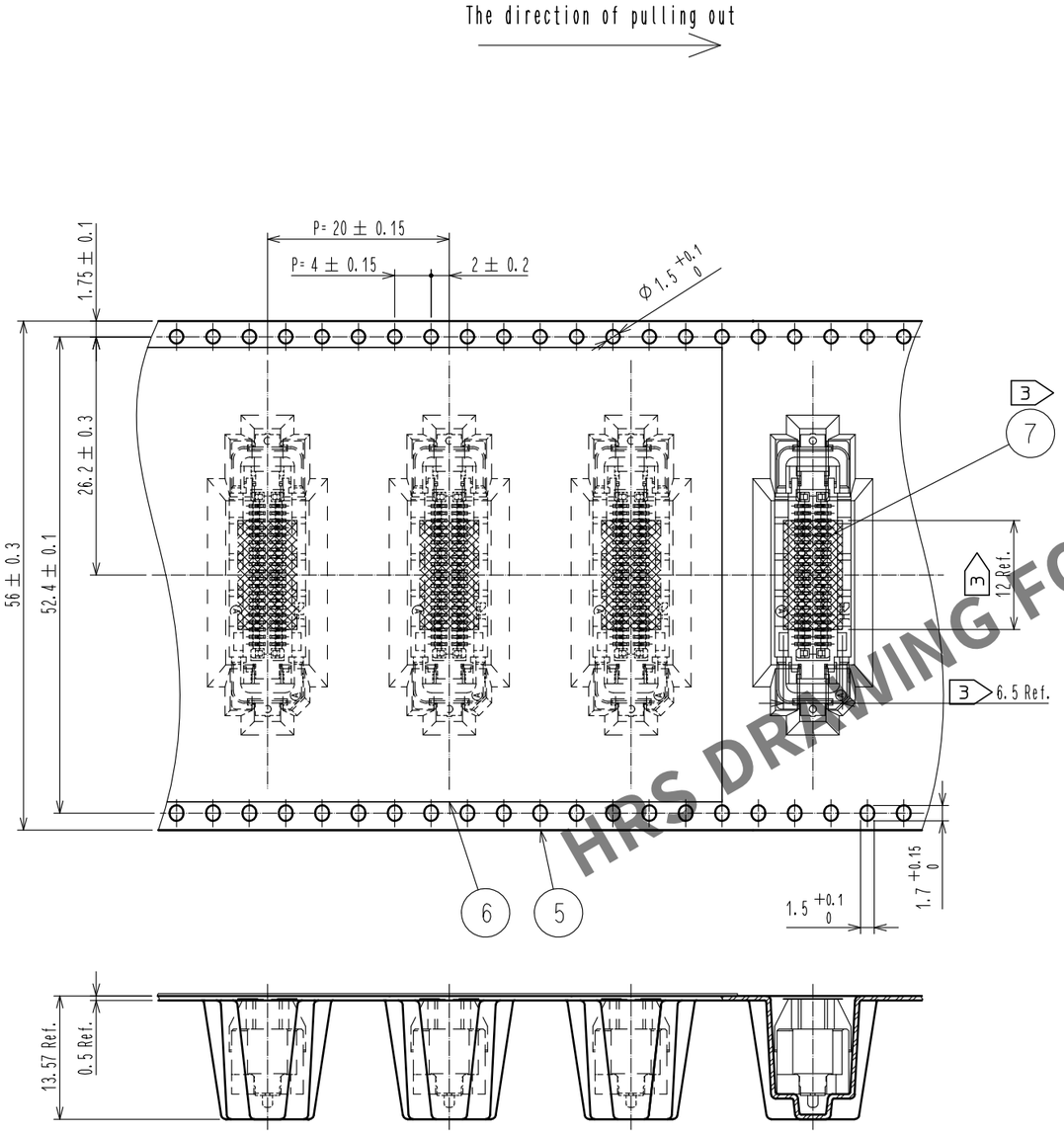
| UNITS | SCALE | | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|---|---|
| mm | 2:1 | ⚠1 | 7 | DIS-F-00005079 | MT. ITANO | HT. YAMAGUCHI | 20190826 |

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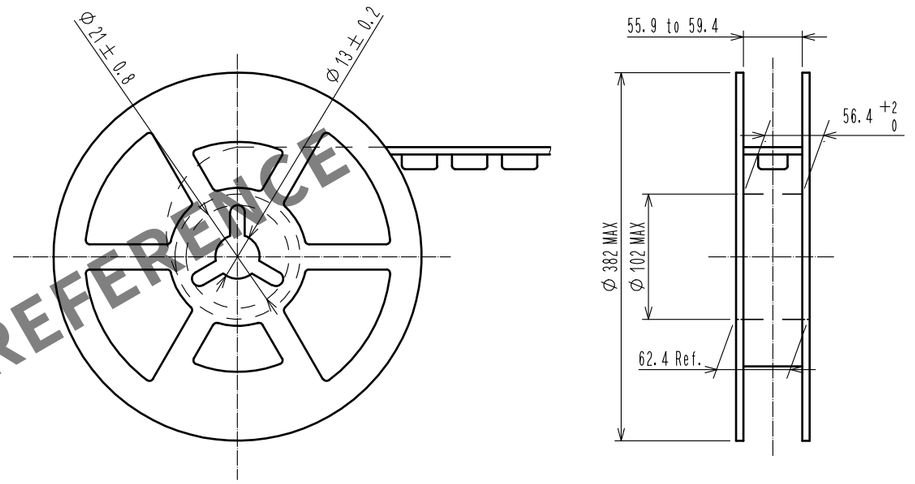
| | | | |
|---|---|---|---|
| APPROVED | NH. NAKATA | 20171101 | DRAWING NO. EDC-376551-00-00 |
| CHECKED | MK. NAGATA | 20171031 | PART NO. FX27-40S-0.8SV |
| DESIGNED | KJ. NISHIWAKI | 20171031 | |
| DRAWN | KJ. NISHIWAKI | 20171031 | CODE NO. CL577-1002-0-00 ⚠1 1/5 |

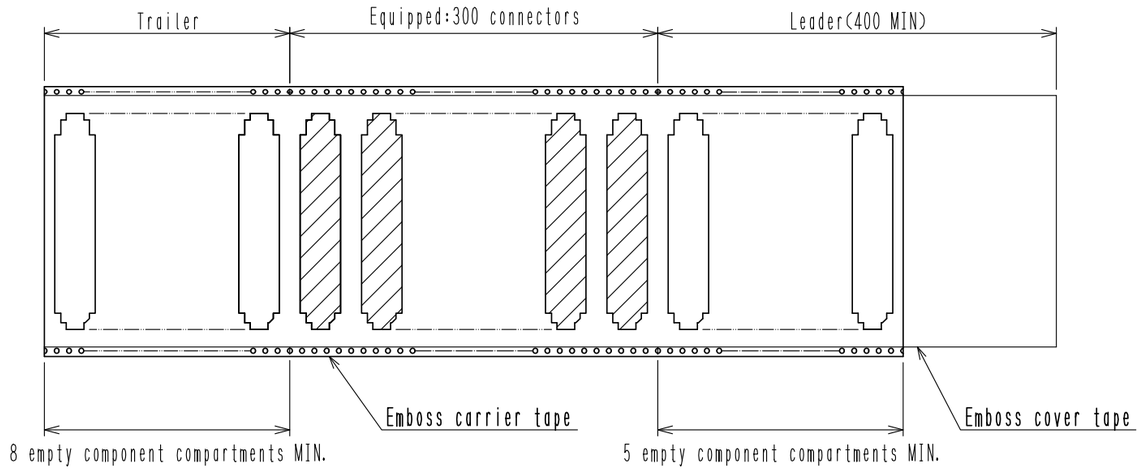
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## 2 Drawing for packing (Free)




## Reeled dimension (Free)




HRS DRAWING FOR REFERENCE

| | | |
|---|---|---|
| HRS | DRAWING NO. | EDC-376551-00-00 |
| | PART NO. | FX27-40S-0.8SV |
| | CODE NO. | CL577-1002-0-00 |

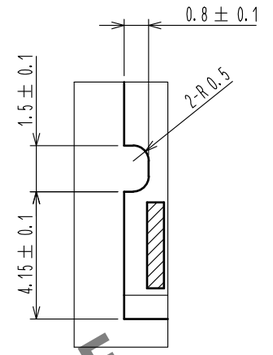
1/2 2/5

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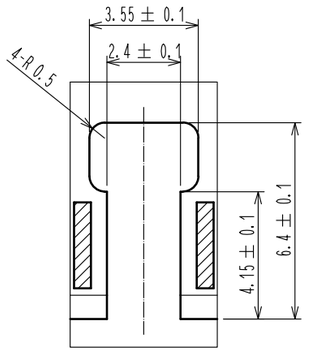
## 17 Simple Lock for Initial Insertion and Removal (Free)

The notches provided in the mating PCB Interposer are used
to lock the connection engaged with the locking latch of the connector.

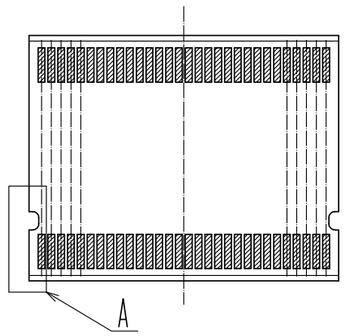
A(5:1)



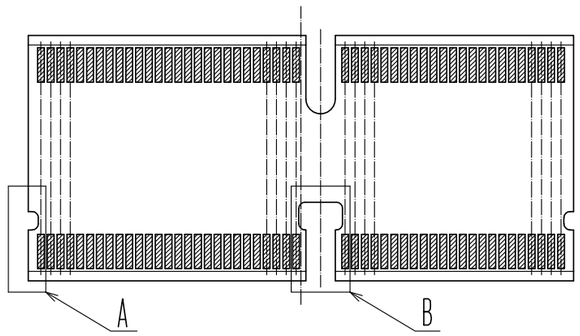

B(5:1)

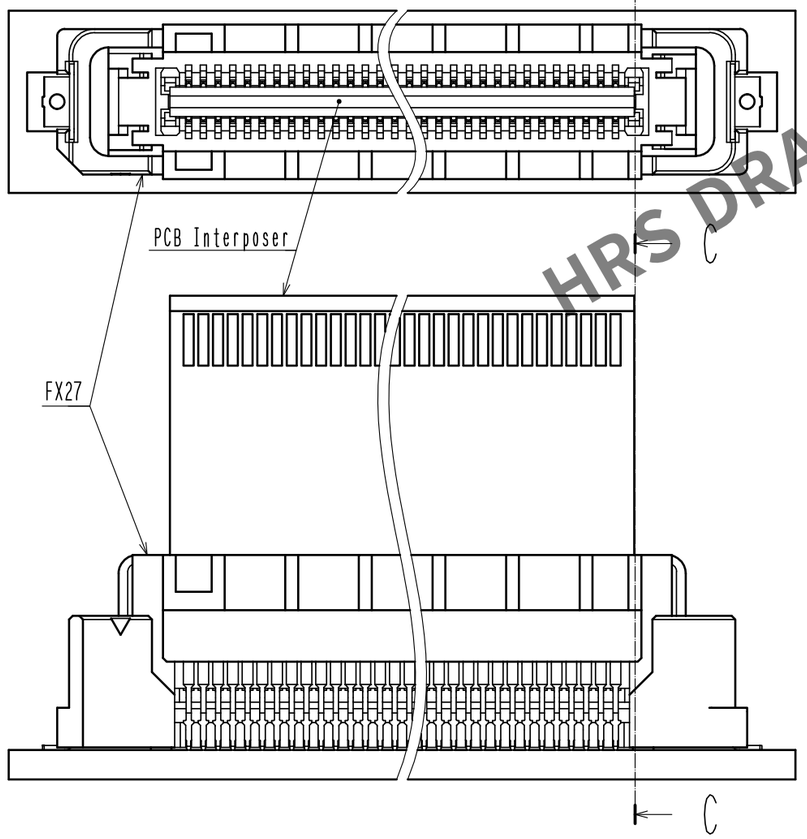



40pos., 60pos. PCB Interposer

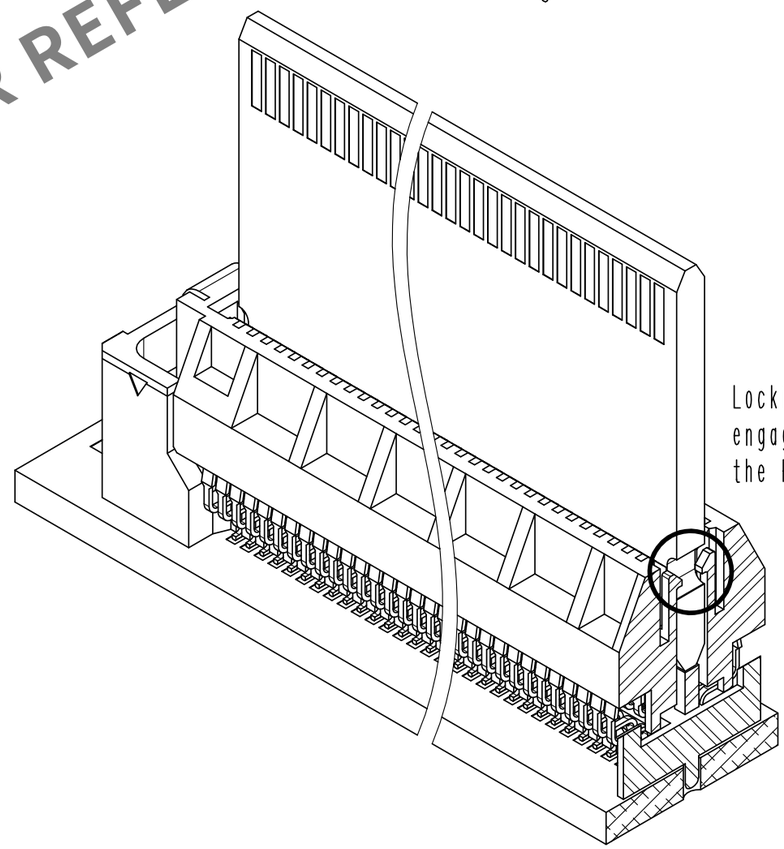



80pos., 100pos., 120pos. PCB Interposer




Structure drawing



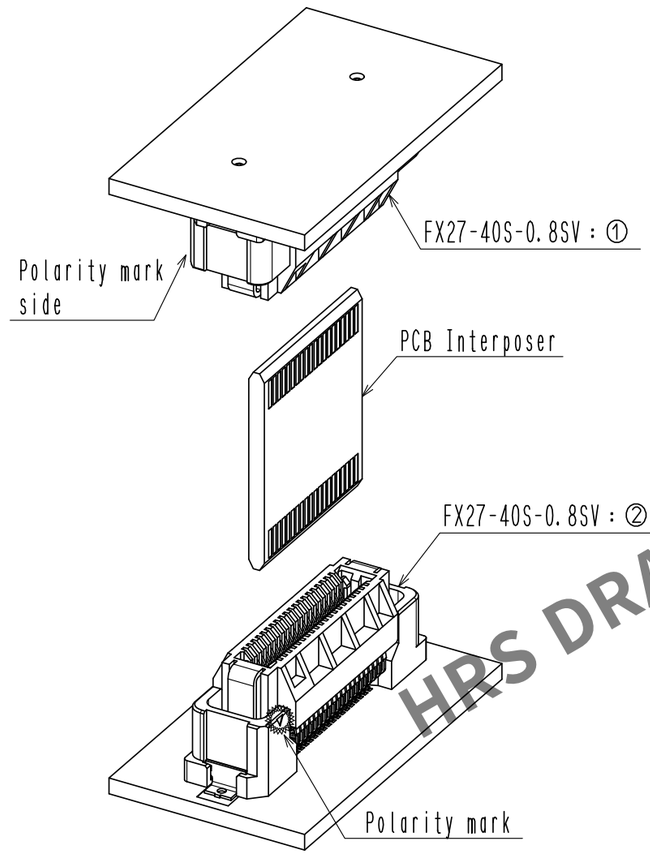
Locking latch of the connector is
engaged with the notch of
the PCB Interposer.

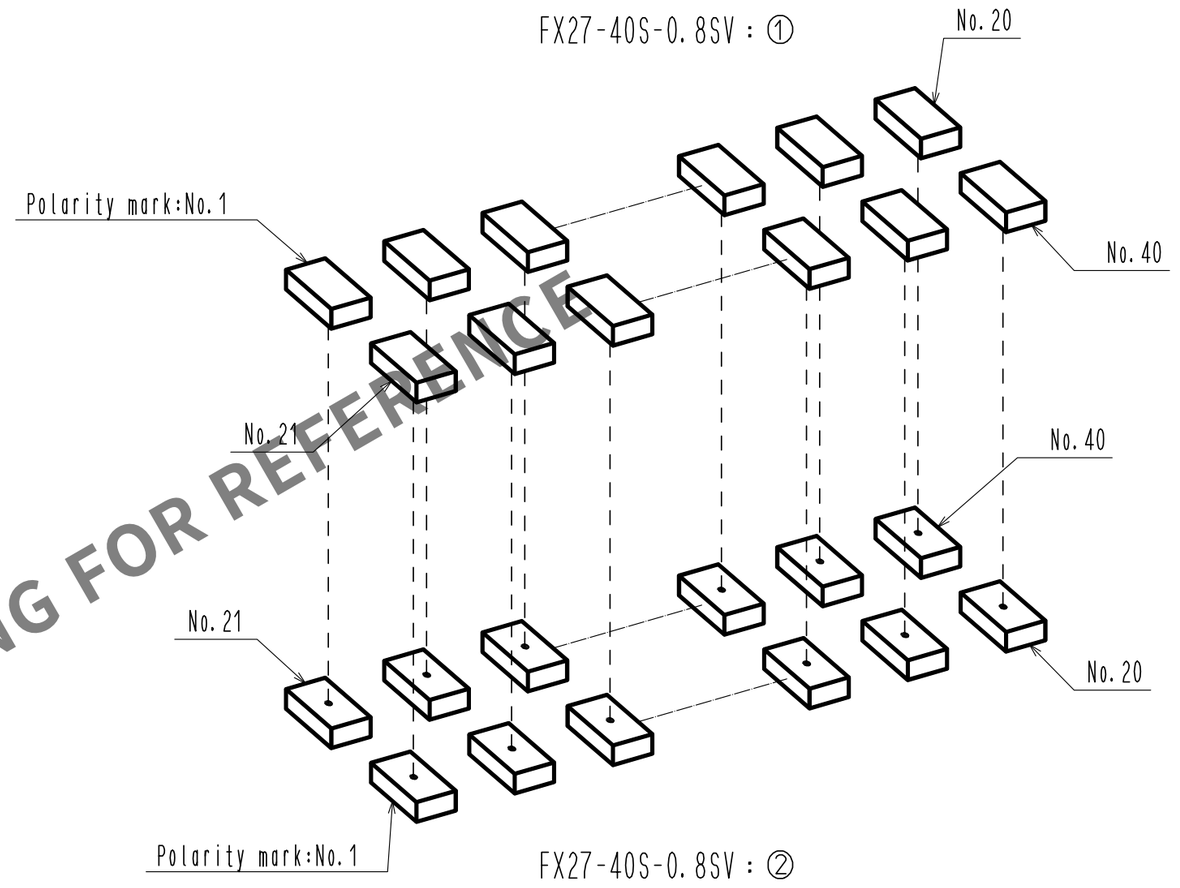
HRS DRAWING FOR REFERENCE

| | |
|---|---|
| DRAWING NO. | EDC-376551-00-00 |
| PART NO. | FX27-40S-0.8SV |
| CODE NO. | CL577-1002-0-00 |

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## ⚠1 Pin Assignment




HRS DRAWING FOR REFERENCE

When the connector is used as shown in the sketch to the above,
the polarity mark of FX27-40S-0.8SV of ① and ② are reversed.
Attention should be paid to the pin assignment of the circuits on the board.

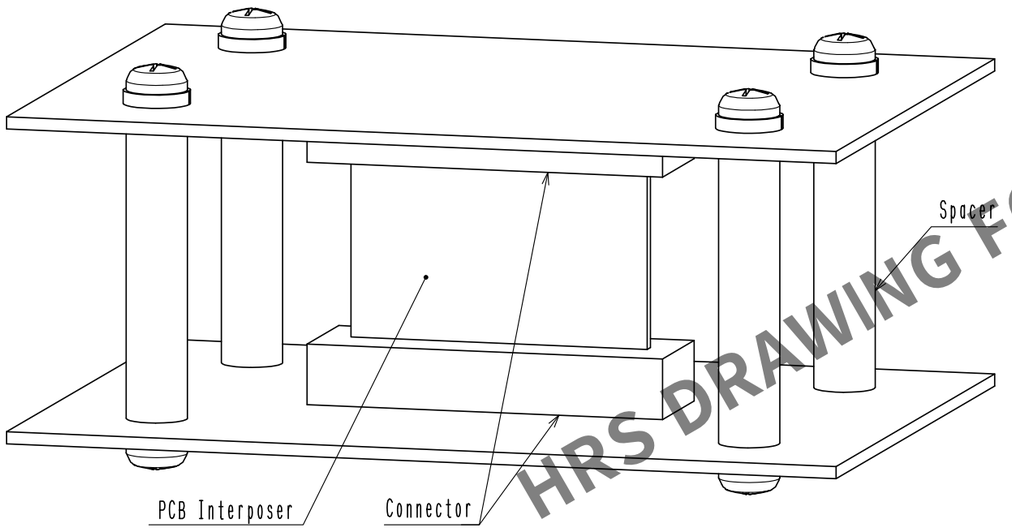
| | | |
|---|---|---|
| HRS | DRAWING NO. | EDC-376551-00-00 |
| | PART NO. | FX27-40S-0.8SV |
| | CODE NO. | CL577-1002-0-00 ⚠1 4/5 |

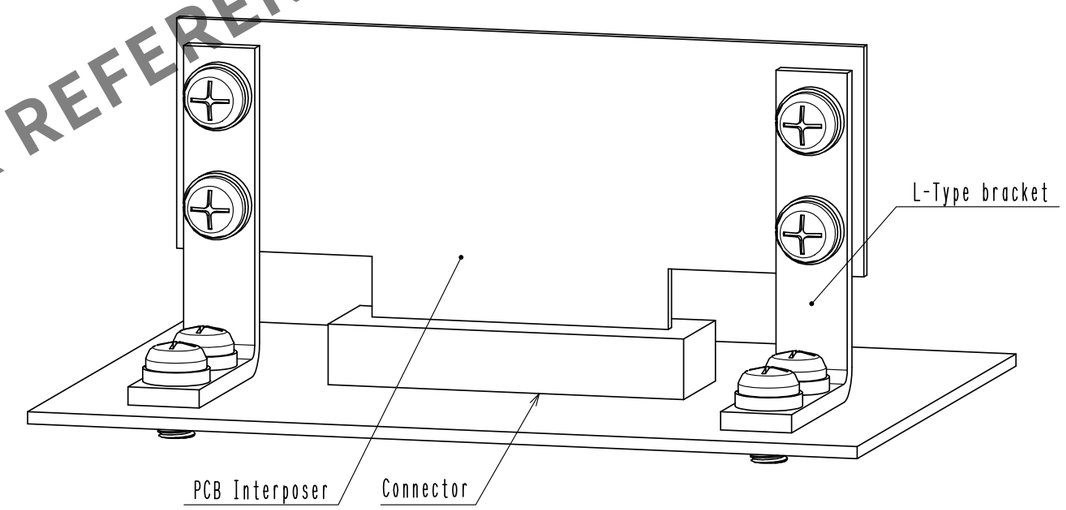
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## ⚠1 PCB supports

This connector can absorb misalignment of PCB but cannot absorb vibration itself.
When PCB are supported by a connector only, the connector will be loaded excessively,
which may result in a damage or contact failure.
Take measures to secure PCB with an object other than connector as shown in the following figure.

If the spacer is installed away from the connector, the PCB may bend and the connector may not be securely mated.
Fit the spacer after the connector securely mated.




HRS DRAWING FOR REFERENCE

| | | |
|---|---|---|
| HRS | DRAWING NO. | EDC-376551-00-00 |
| | PART NO. | FX27-40S-0.8SV |
| | CODE NO. | CL577-1002-0-00 ⚠1 5/5 |