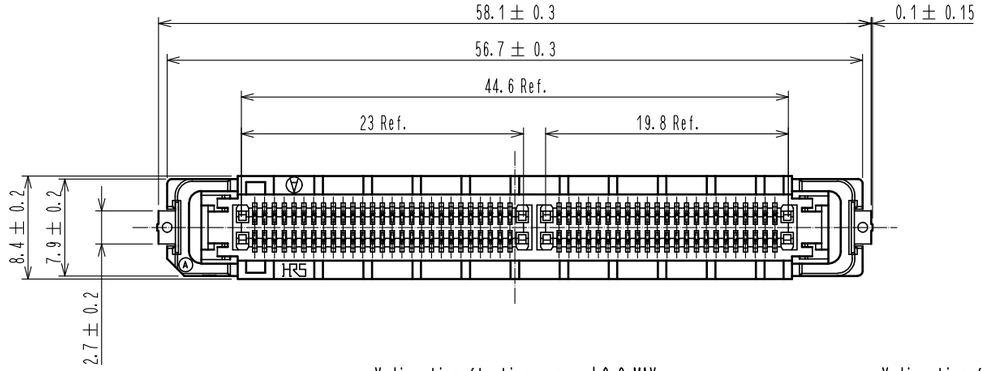
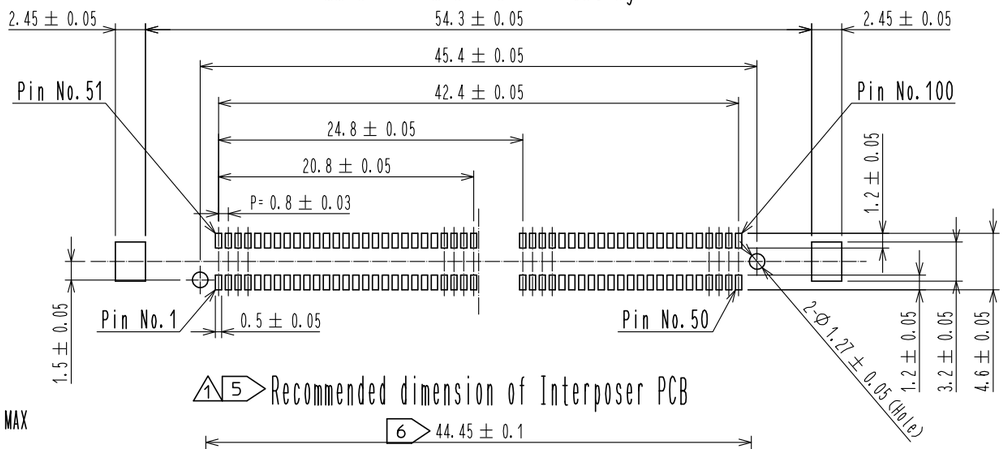
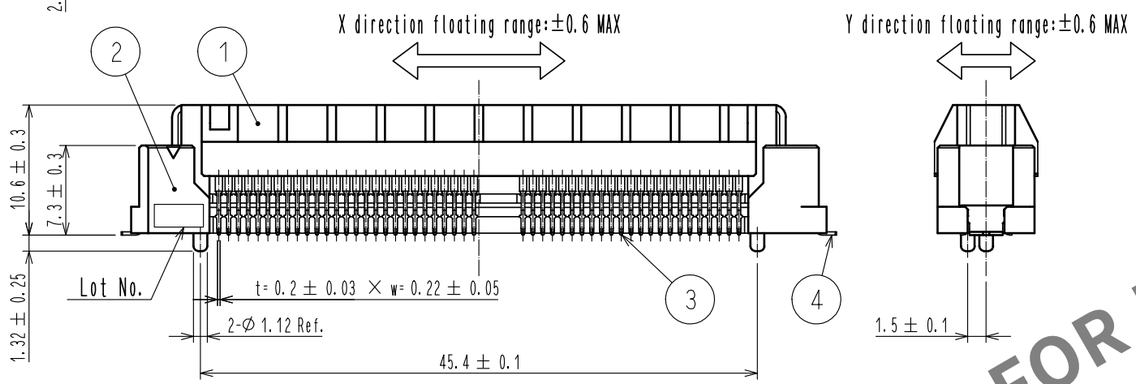
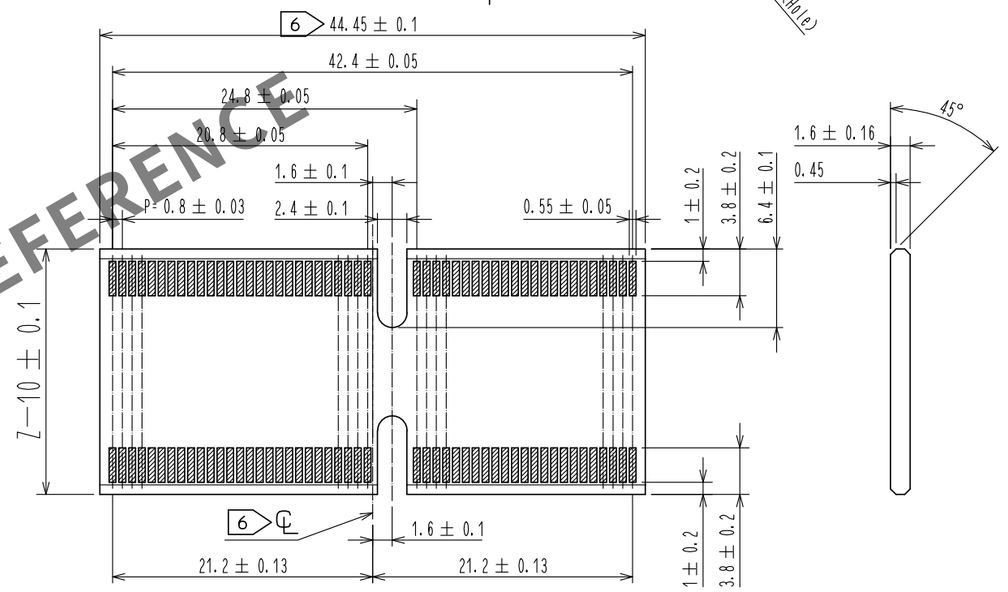
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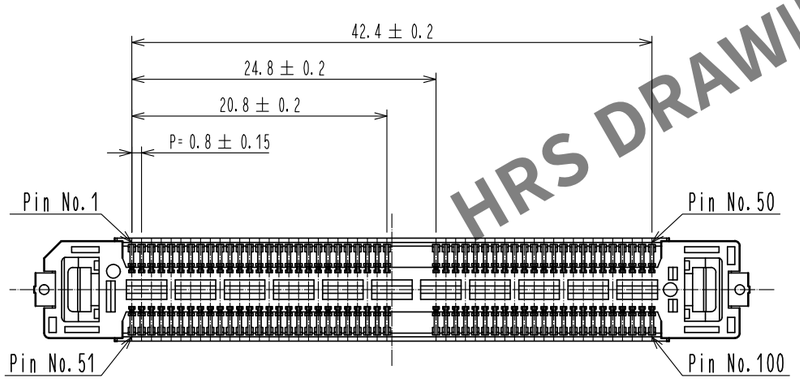
HRS DRAWING FOR REFERENCE

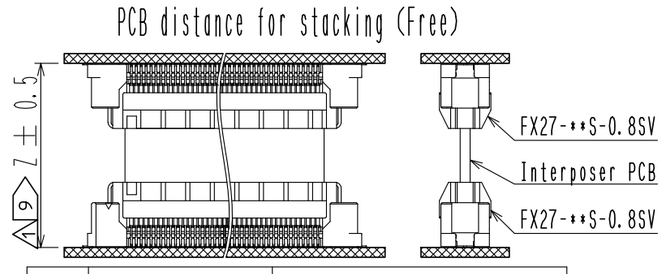


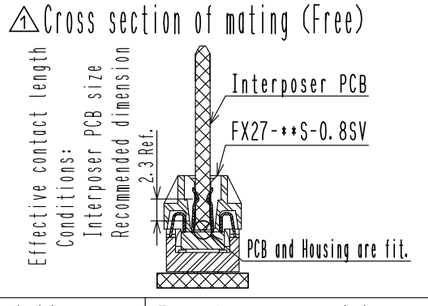












Note

1. Lead CO-Planarity is 0.1mm MAX.
2. Packing type : Tape and reel. 150pcs 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 44.45mm.
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 Lead : Gold plating 0.03μm MIN 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

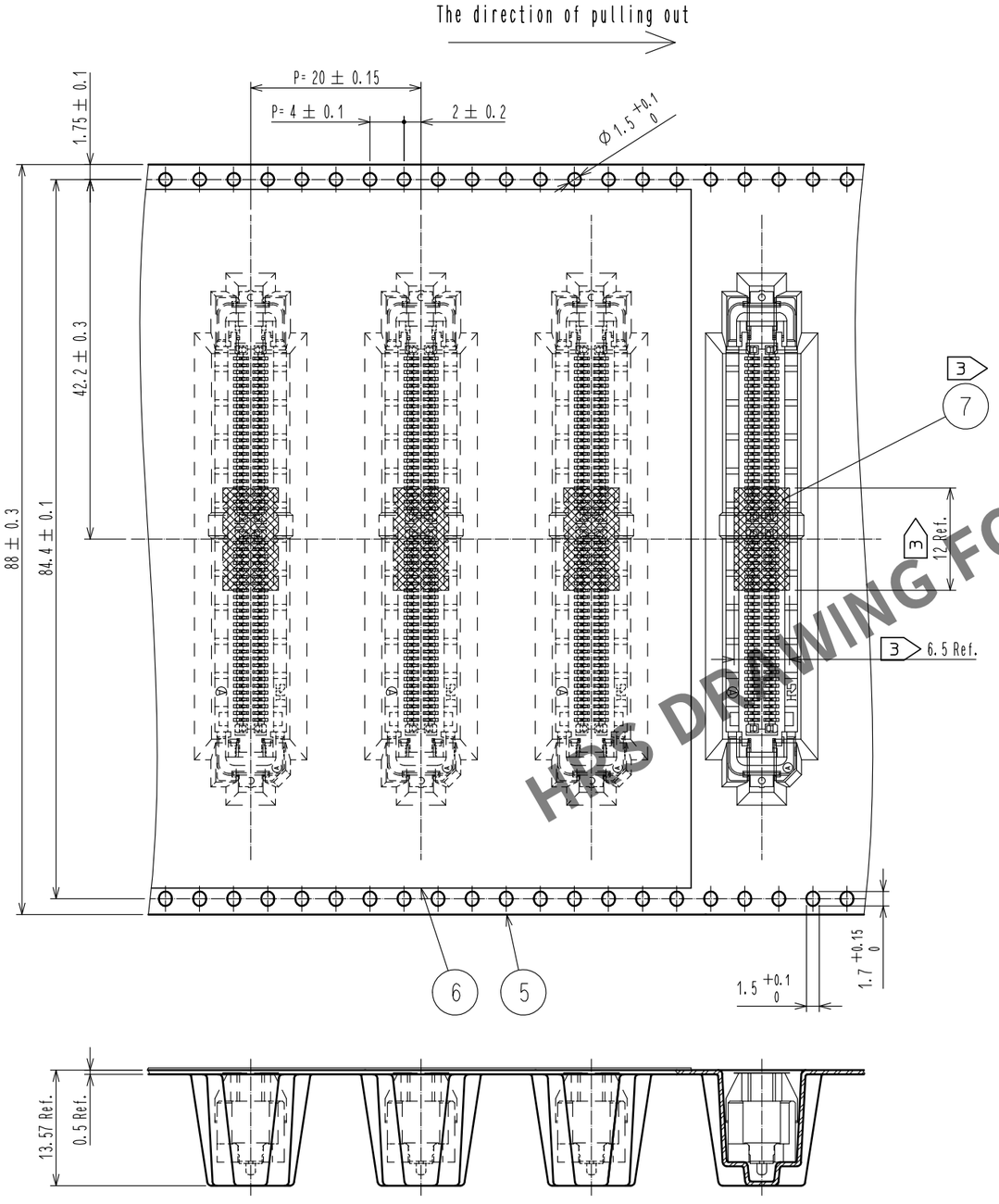
UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2:1	⚠1	7	DIS-F-00005079	MT. ITANO	HT. YAMAGUCHI	20190826

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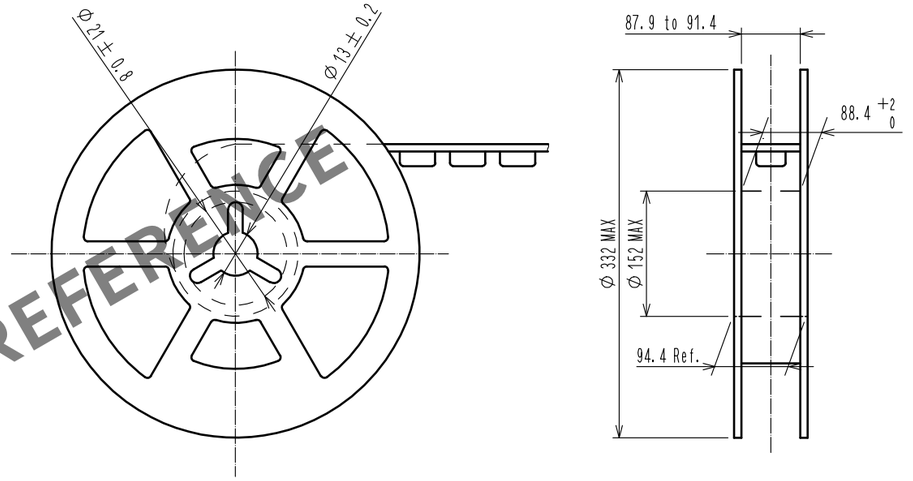
APPROVED	NH. NAKATA	20180620	DRAWING NO. EDC-382478-00-00
CHECKED	HT. YAMAGUCHI	20180620	PART NO. FX27-100S-0.8SV
DESIGNED	MT. ITANO	20180619	
DRAWN	MT. ITANO	20180619	CODE NO. CL577-1005-0-00 ⚠1 1/5

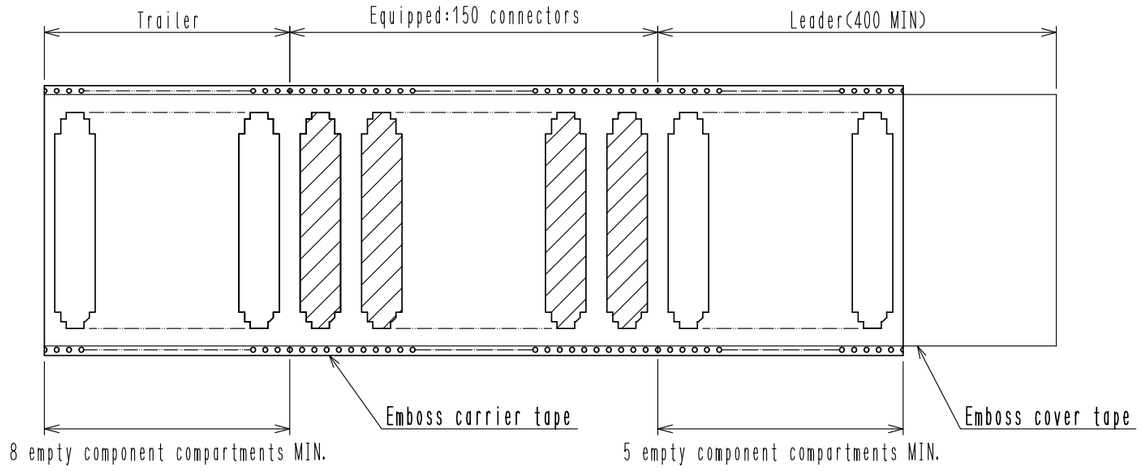
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2 Drawing for packing (Free)



Reeled dimension (Free)





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DRAWING NO.	EDC-382478-00-00
PART NO.	FX27-100S-0.8SV
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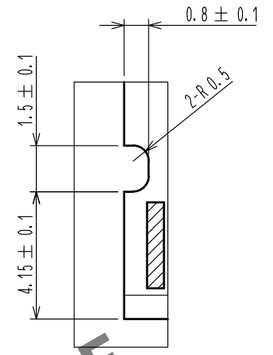
1/2 2/5

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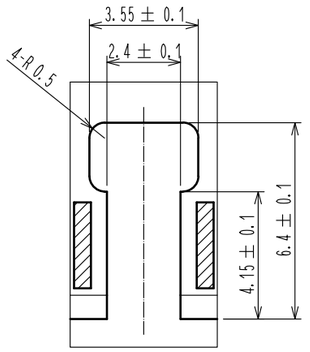
17 Simple Lock for Initial Insertion and Removal (Free)

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

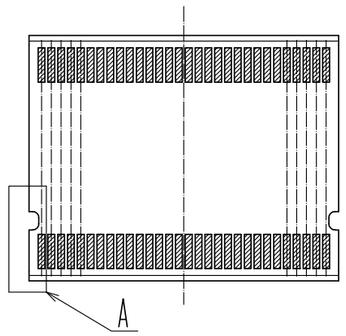
A(5:1)



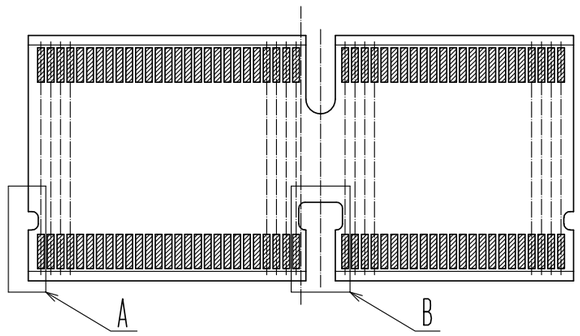
B(5:1)

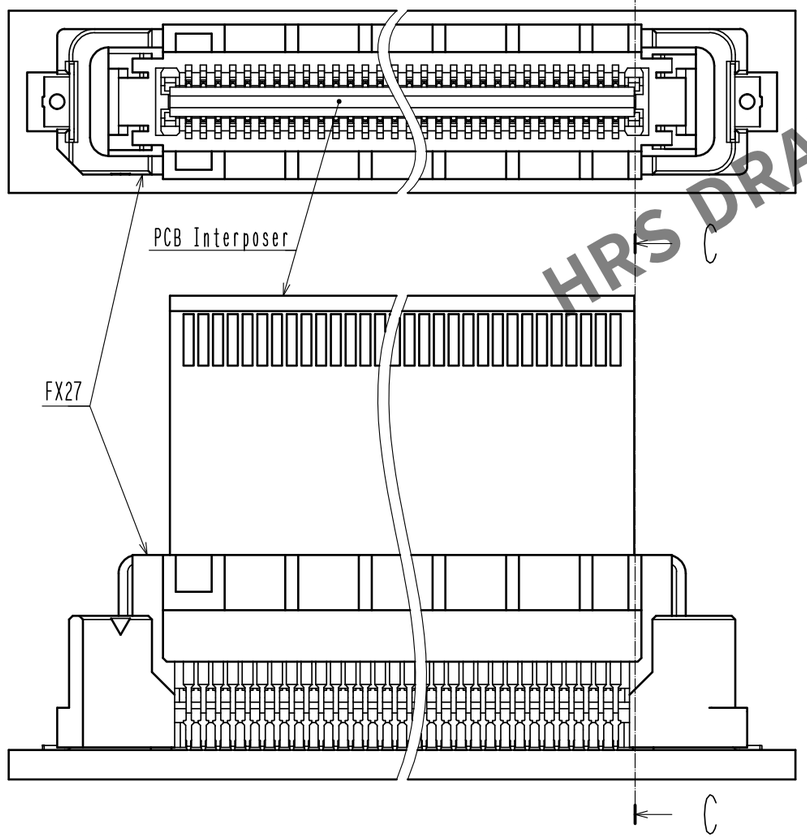


40pos., 60pos. PCB Interposer

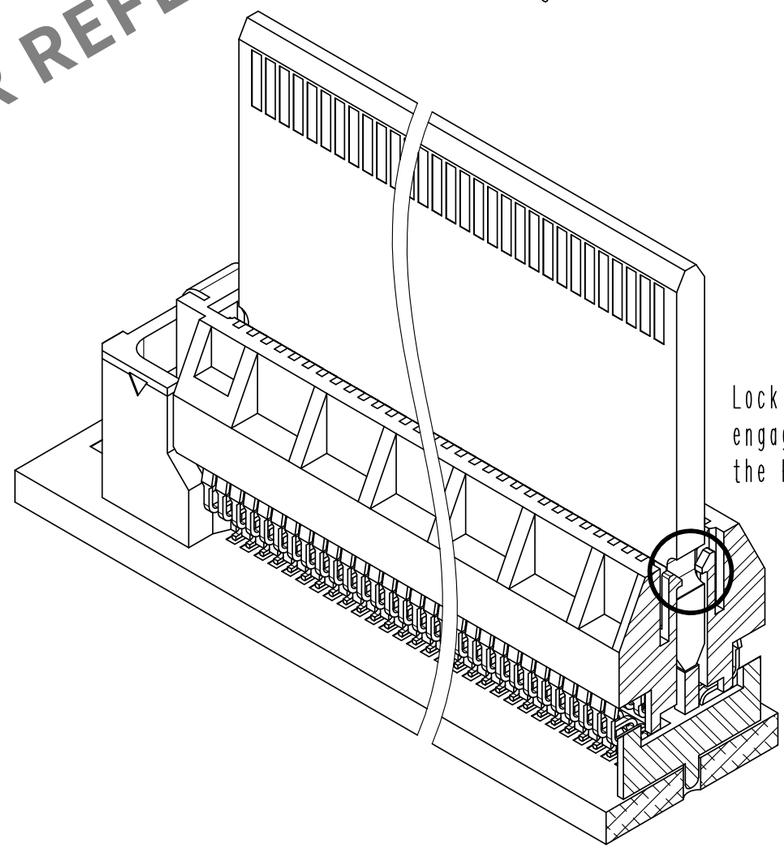


80pos., 100pos., 120pos. PCB Interposer





Structure drawing



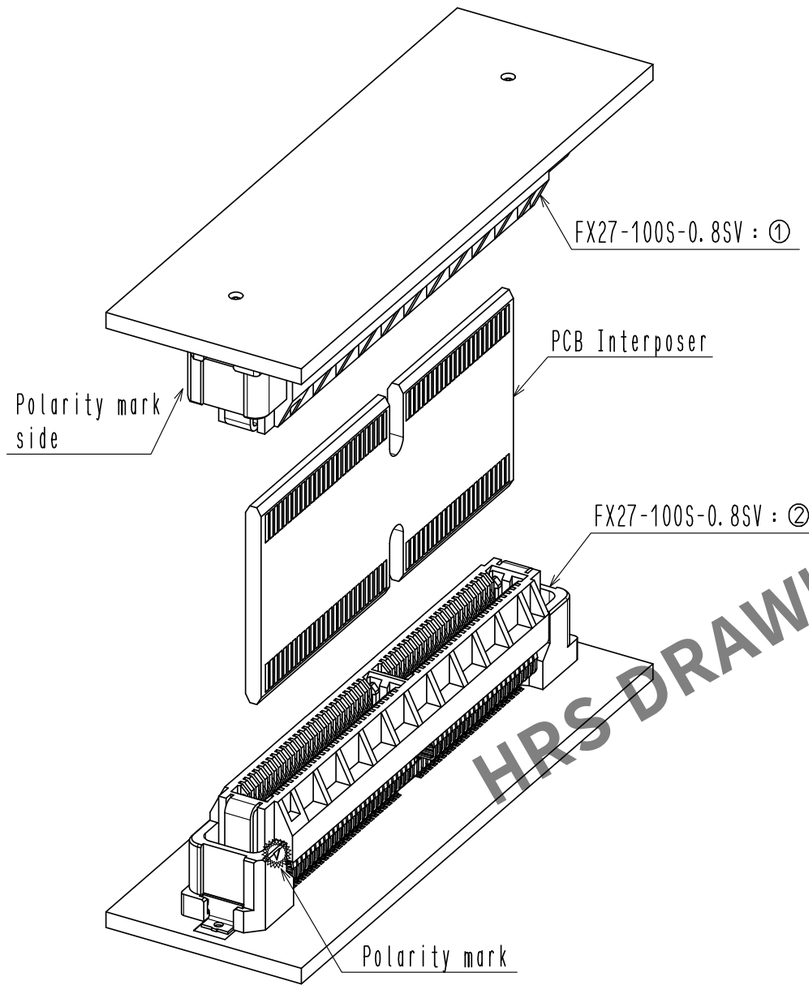
Locking latch of the connector is
engaged with the notch of
the PCB Interposer.

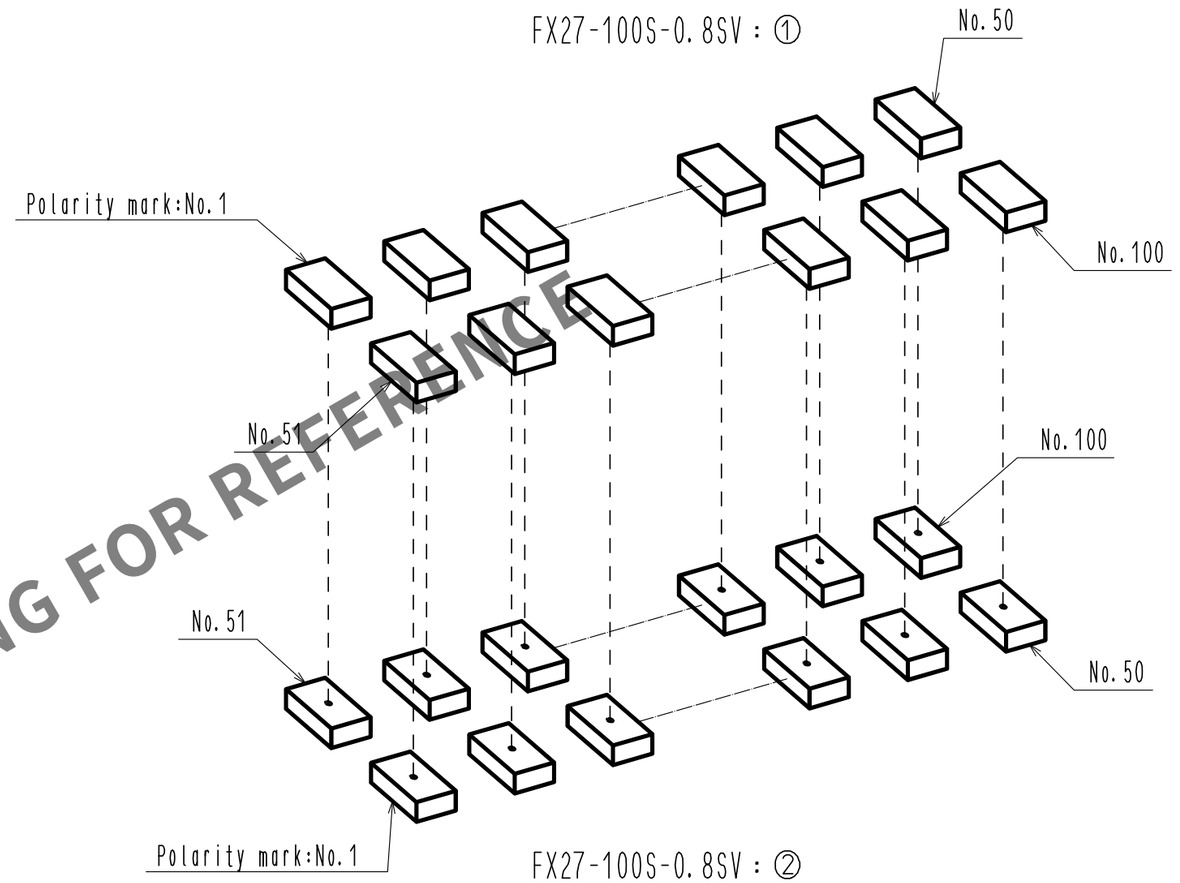
HRS DRAWING FOR REFERENCE

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PART NO.	FX27-100S-0.8SV
CODE NO.	CL577-1005-0-00

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⚠1 Pin Assignment





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When the connector is used as shown in the sketch to the above,
the polarity mark of FX27-100S-0.8SV of ① and ② are reversed.
Attention should be paid to the pin assignment of the circuits on the board.

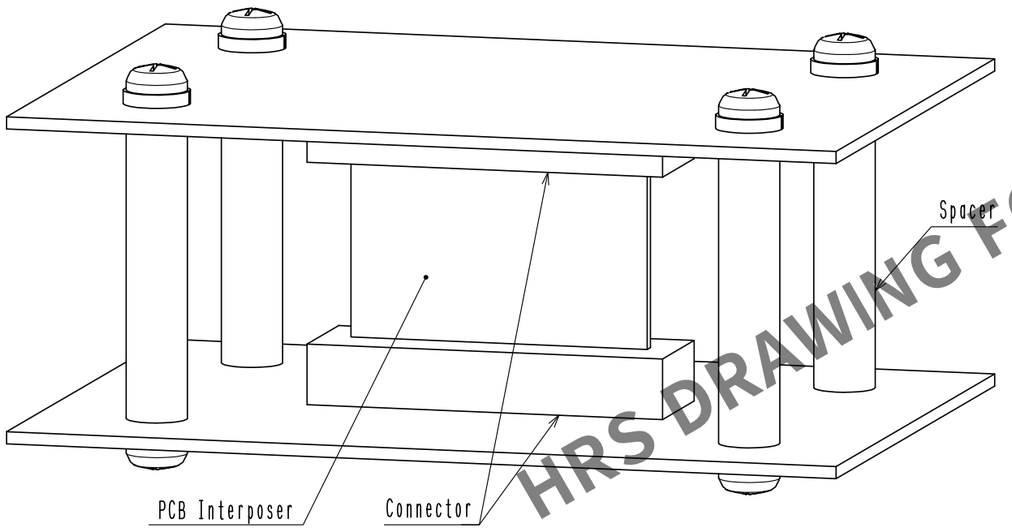
DRAWING NO.	EDC-382478-00-00
PART NO.	FX27-100S-0.8SV
CODE NO.	CL577-1005-0-00

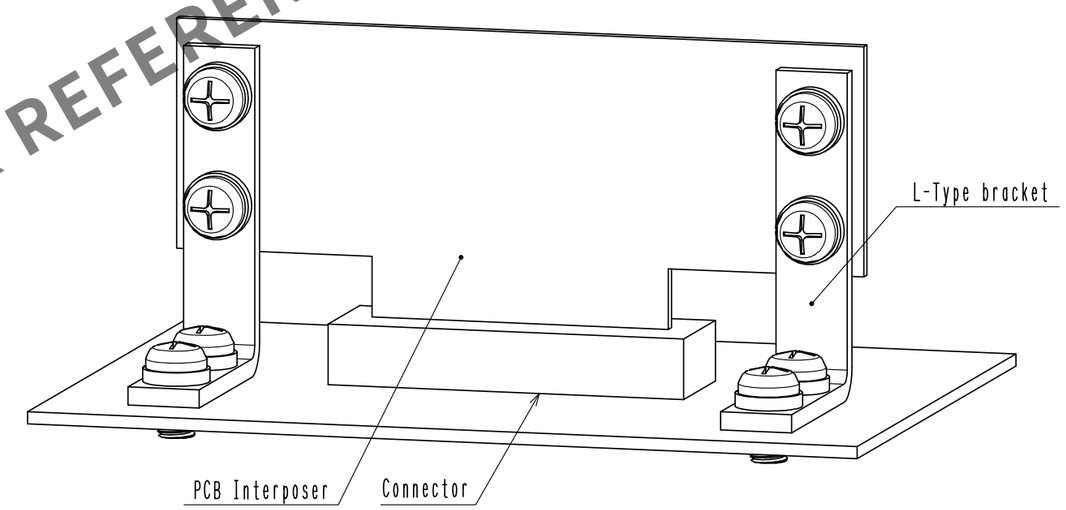
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⚠1 PCB supports

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-382478-00-00
	PART NO.	FX27-100S-0.8SV
	CODE NO.	CL577-1005-0-00 ⚠1 5/5