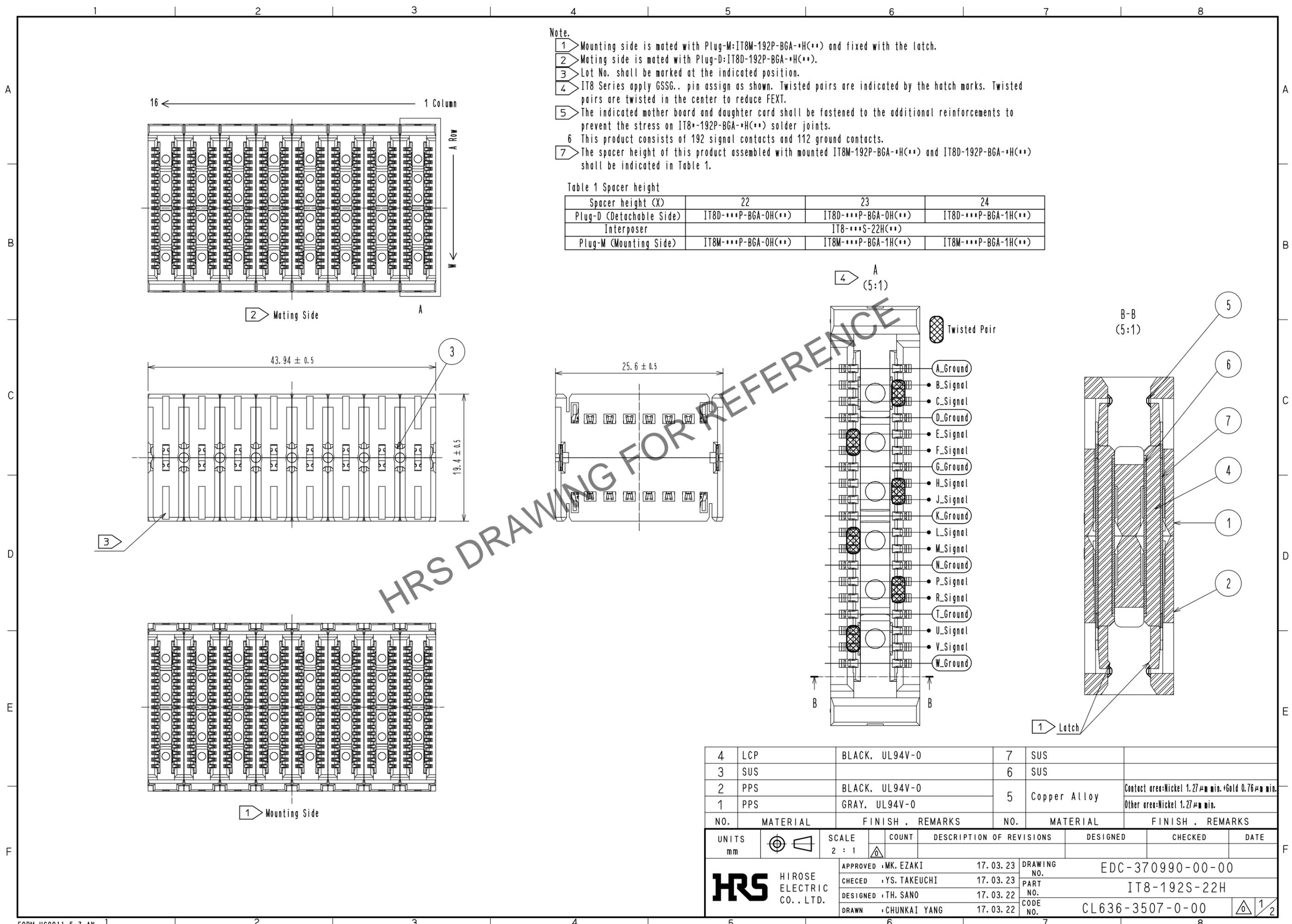


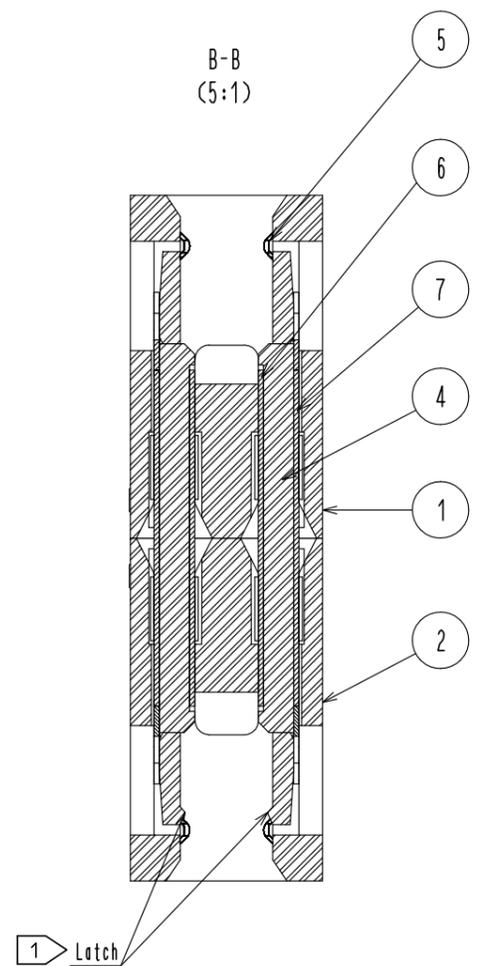
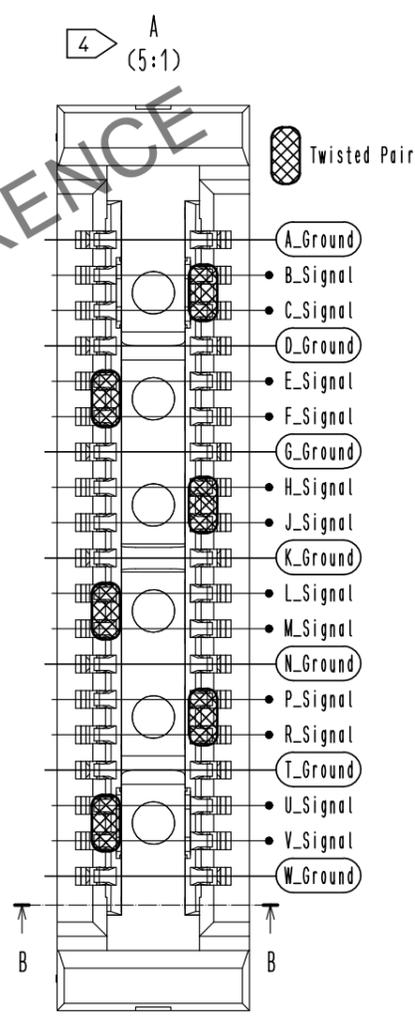
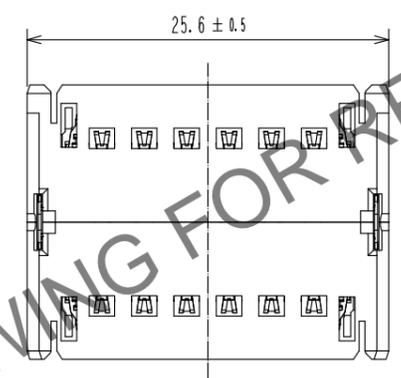
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- Note.
- 1 Mounting side is mated with Plug-M:IT8M-192P-BGA-H(\*\*) and fixed with the latch.
  - 2 Mating side is mated with Plug-D:IT8D-192P-BGA-H(\*\*).
  - 3 Lot No. shall be marked at the indicated position.
  - 4 IT8 Series apply GSSG. pin assign as shown. Twisted pairs are indicated by the hatch marks. Twisted pairs are twisted in the center to reduce FEXT.
  - 5 The indicated mother board and daughter card shall be fastened to the additional reinforcements to prevent the stress on IT8\*-192P-BGA-H(\*\*) solder joints.
  - 6 This product consists of 192 signal contacts and 112 ground contacts.
  - 7 The spacer height of this product assembled with mounted IT8M-192P-BGA-H(\*\*) and IT8D-192P-BGA-H(\*\*) shall be indicated in Table 1.

Table 1 Spacer height

Spacer height (X)	22	23	24
Plug-D (Detachable Side)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-1H(**)
Interposer		IT8-***S-22H(**)	
Plug-M (Mounting Side)	IT8M-***P-BGA-0H(**)	IT8M-***P-BGA-1H(**)	IT8M-***P-BGA-1H(**)

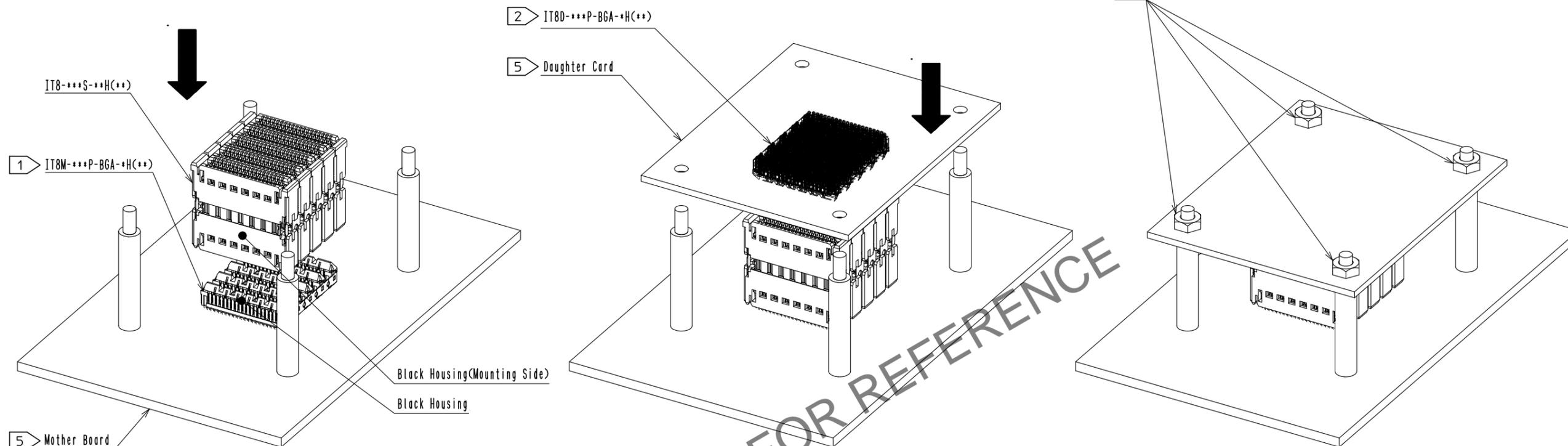


4	LCP	BLACK. UL94V-0	7	SUS			
3	SUS		6	SUS			
2	PPS	BLACK. UL94V-0	5	Copper Alloy	Contact area:Nickel 1.27µm min.+Gold 0.76µm min.		
1	PPS	GRAY. UL94V-0			Other area:Nickel 1.27µm min.		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS		SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm		2 : 1					
APPROVED :MK. EZAKI 17.03.23			DRAWING NO. EDC-370990-00-00				
CHECED :YS. TAKEUCHI 17.03.23			PART NO. IT8-192S-22H				
DESIGNED :TH. SANO 17.03.22			CODE NO. CL636-3507-0-00				
DRAWN :CHUNKAI YANG 17.03.22							

HRS DRAWING FOR REFERENCE

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### IT8 Assembly Process

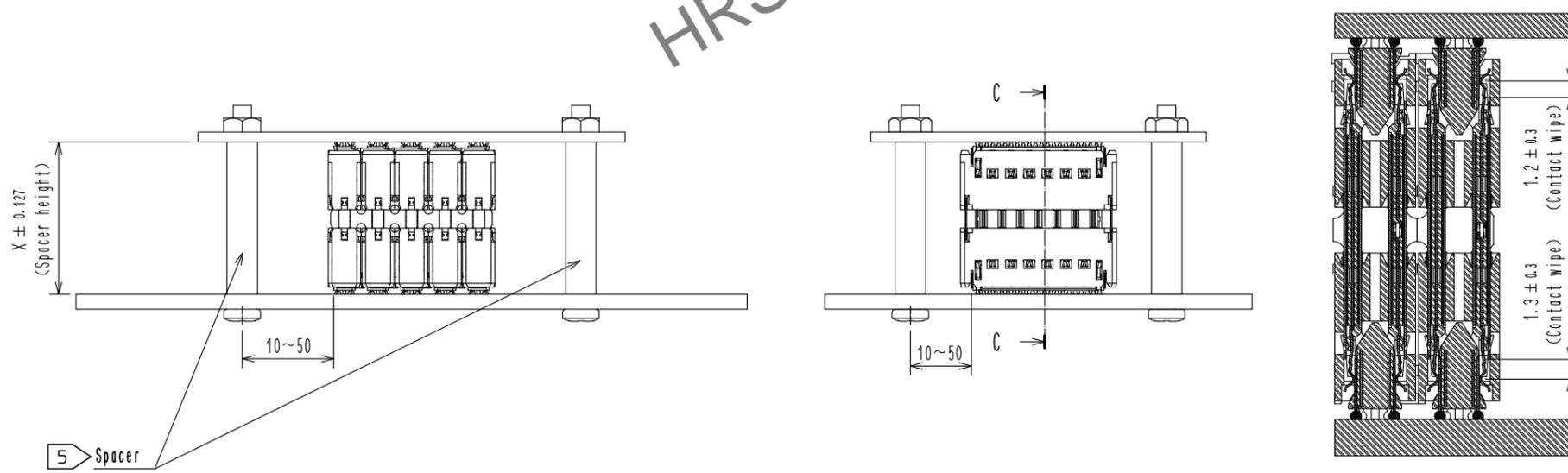


1) Insert mounting side of Interposer(IT8-\*\*\*S-\*\*\*H(\*\*)) by pressing on top of Interposer into reflowed Mounting Plug(IT8M-\*\*\*P-BGA-\*\*\*H(\*\*)) having black housings.

2) Insert Detachable Plug(IT8D-\*\*\*P-BGA-\*\*\*H(\*\*)) having gray housings into mating side of Interposer(IT8-\*\*\*S-\*\*\*H(\*\*)).

3) Install and tighten nuts to fix mated Detachable Plug after completion of mating.

### IT8 Mated Condition



HRS DRAWING FOR REFERENCE

<b>HRS</b>	DRAWING NO.	EDC-370990-00-00
	PART NO.	IT8-192S-22H
	CODE NO.	CL636-3507-0-00
		2/2