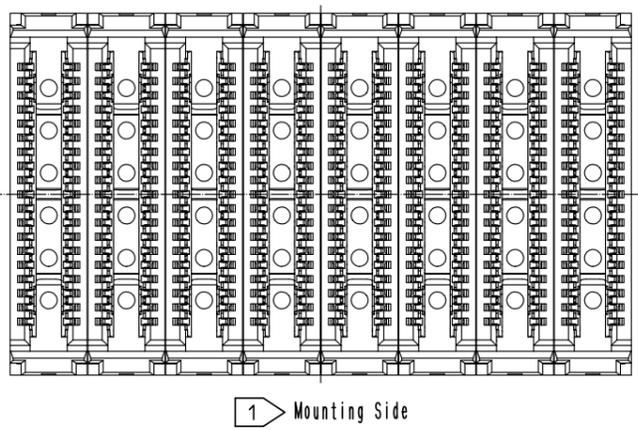
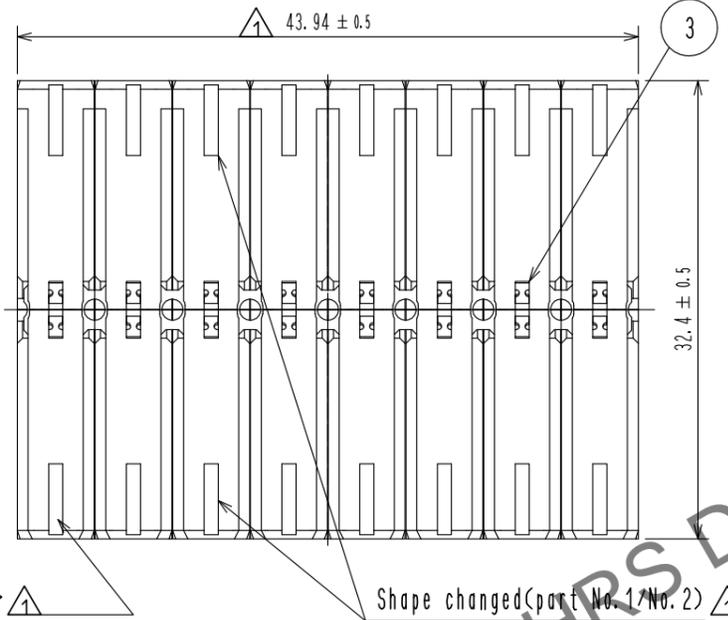
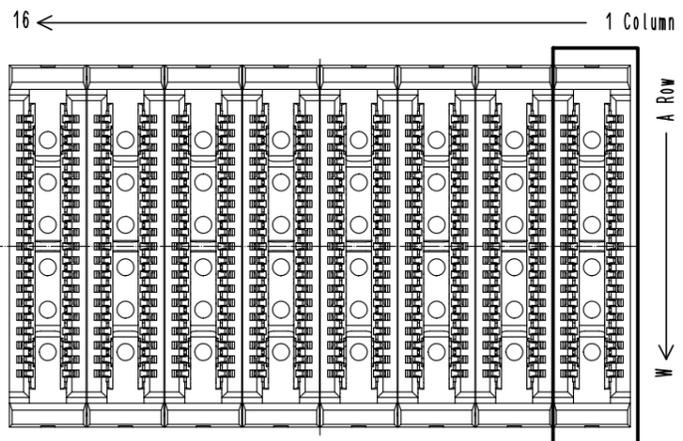


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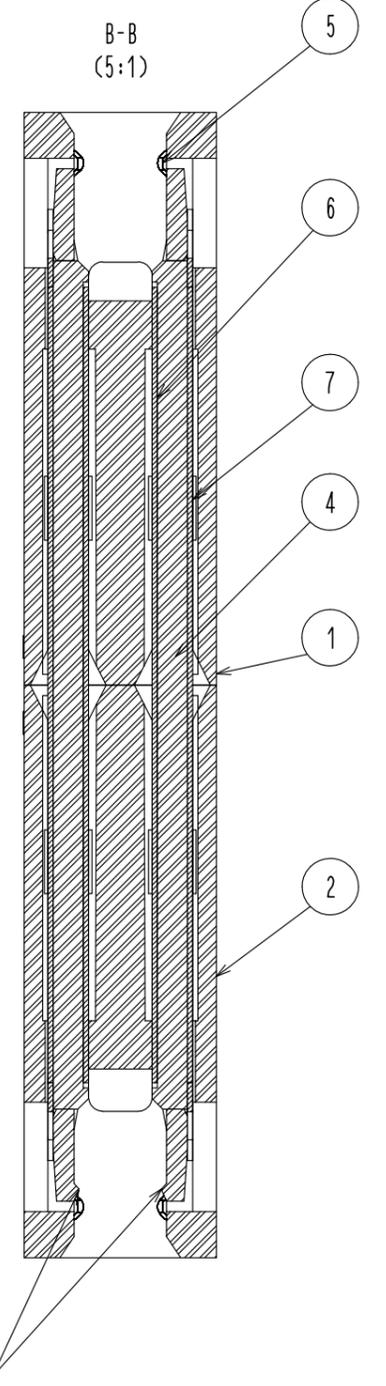
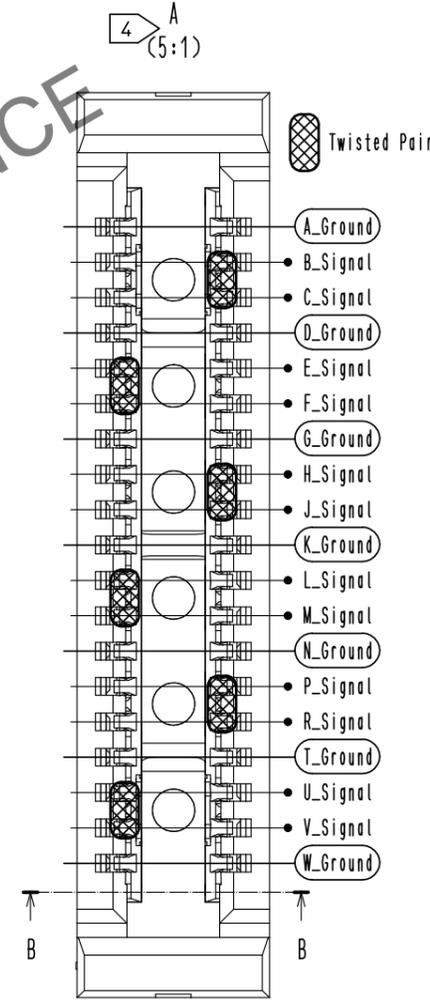
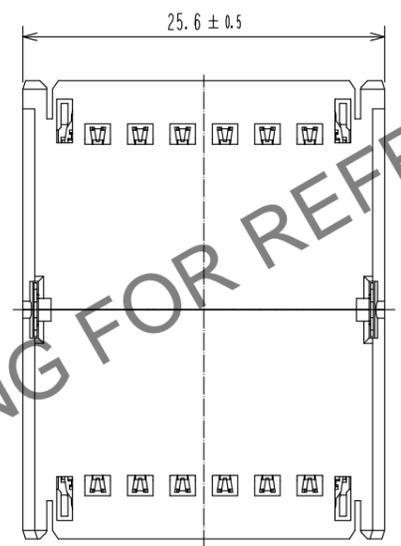


Note.

- 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)	35	36	37
Plug-D (Detachable Side)	IT8D-***P-BGA-OH(**)	IT8D-***P-BGA-OH(**)	IT8D-***P-BGA-1H(**)
Interposer	IT8-***S-35H(**)		
Plug-M (Mounting Side)	IT8M-***P-BGA-OH(**)	IT8M-***P-BGA-1H(**)	IT8M-***P-BGA-1H(**)



NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
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.

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	6	DIS-F-00001511	NH. TAMAI	YS. TAKEUCHI	16. 08. 08

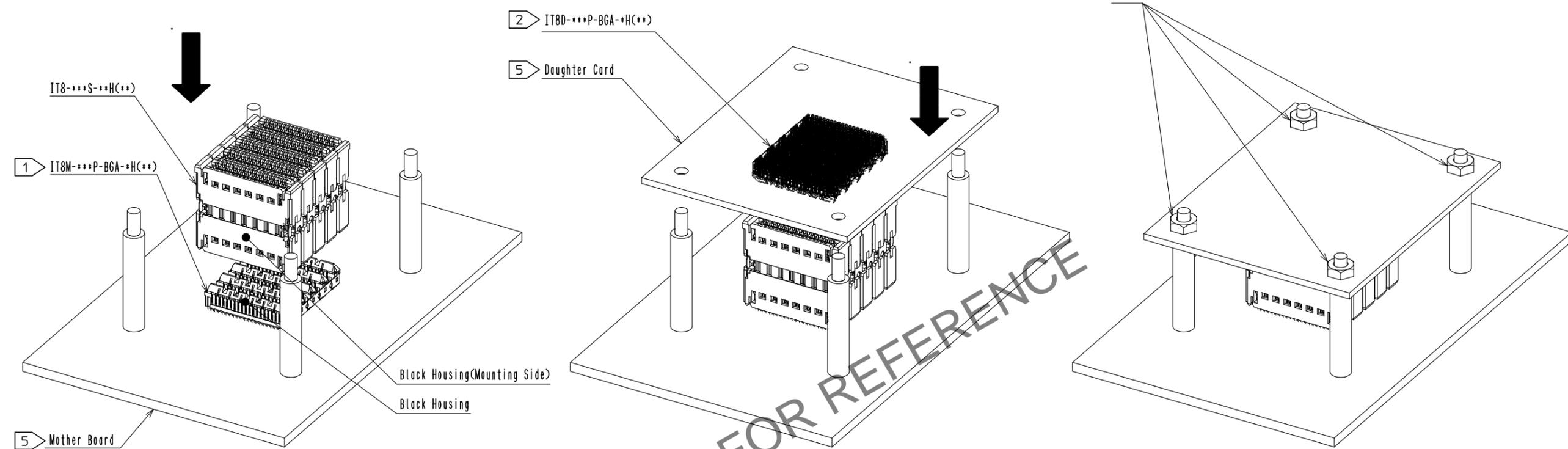
  

APPROVED	DESIGNED	DRAWING NO.
:MK. EZAKI 15. 08. 03	:YS. TAKEUCHI 15. 08. 03	EDC-355933-00-00
CHECED :MK. EZAKI 15. 08. 03	DESIGNED :YS. TAKEUCHI 15. 08. 03	PART NO. IT8-192S-35H
DRAWN :YS. TAKEUCHI 15. 08. 03		CODE NO. CL636-3501-1-00

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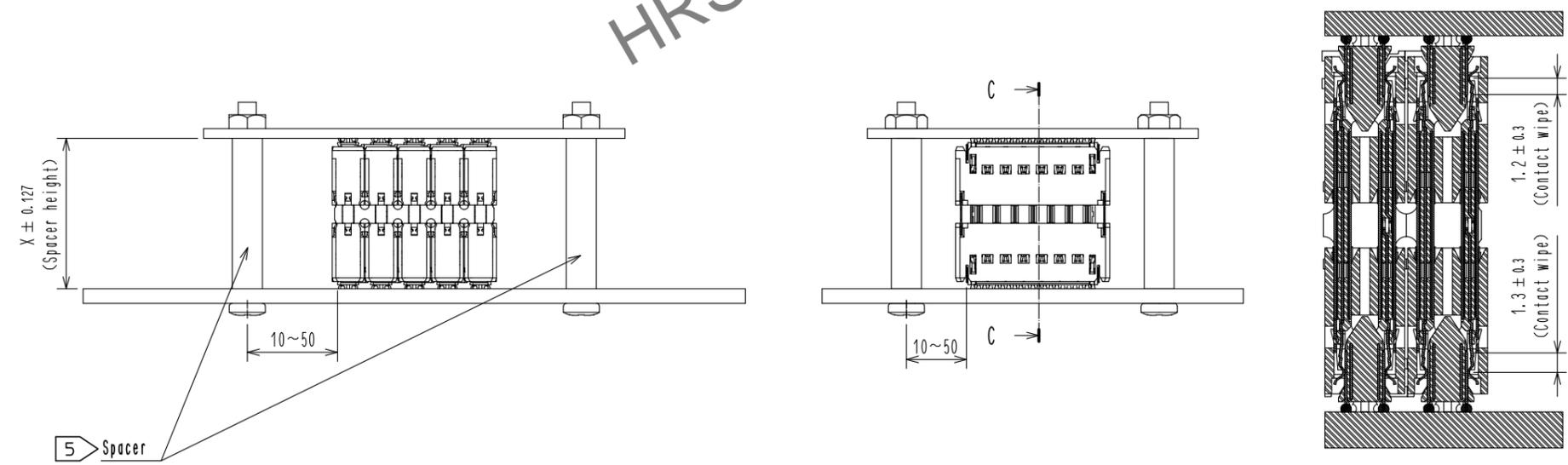


# IT8 Assembly Process



- 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-355933-00-00	
	PART NO.	IT8-192S-35H	
	CODE NO.	CL636-3501-1-00	