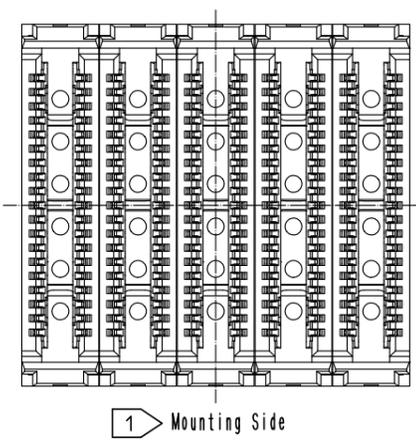
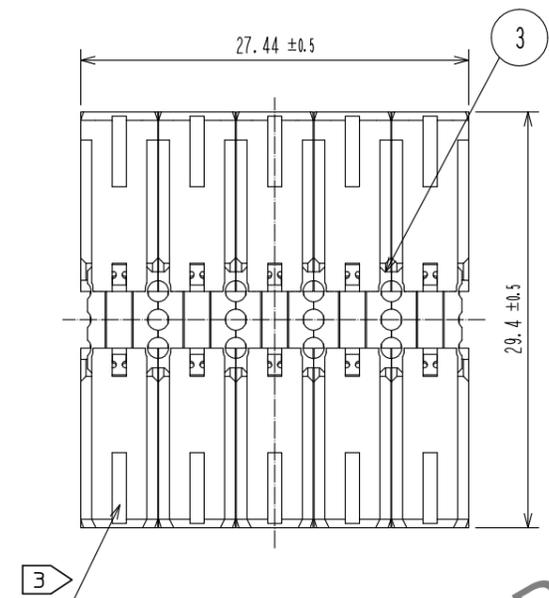
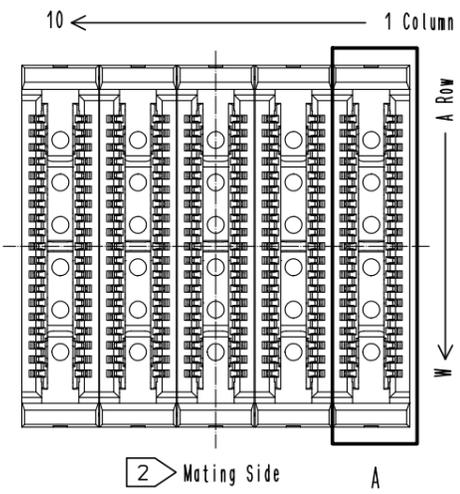
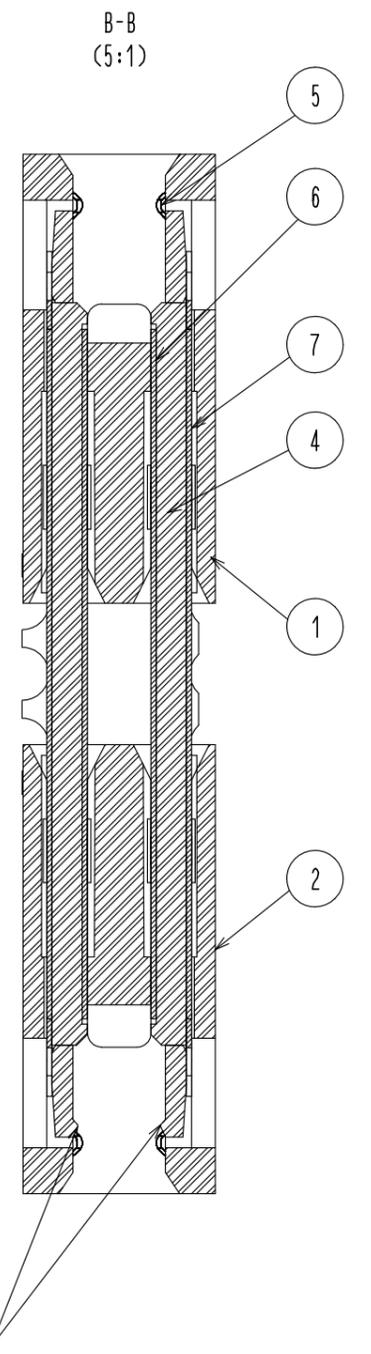
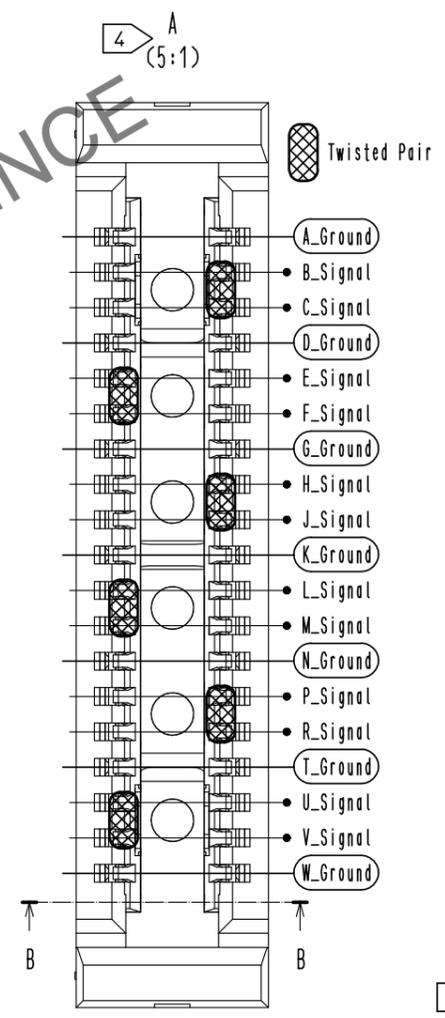
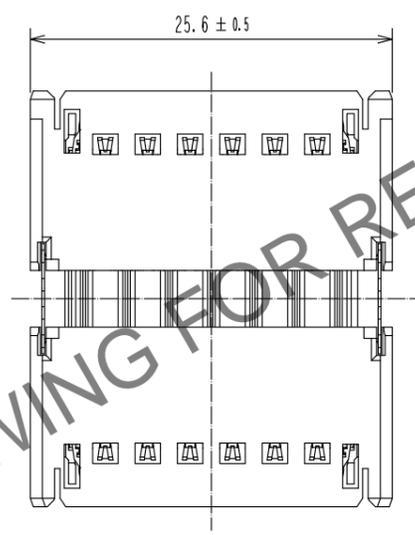


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- Note.
- 1 Mounting side is mated with Plug-M:IT8M-120P-BGA-H(**) and fixed with the latch.
 - 2 Mating side is mated with Plug-D:IT8D-120P-BGA-H(**).
 - 3 Lot No. shall be marked at the indicated position.
 - 4 IT8 Series apply GSSG. pin assign as 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*-120P-BGA-H(**) solder joints.
 - 6 This product consists of 120 signal contacts and 70 ground contacts.
 - 7 The spacer height of this product assembled with mounted IT8M-120P-BGA-H(**) and IT8D-120P-BGA-H(**) shall be indicated in Table 1.

Spacer height (X)	32	33	34
Plug-D (Detachable Side)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-1H(**)
Interposer	IT8-***S-32H(**)		
Plug-M (Mounting Side)	IT8M-***P-BGA-0H(**)	IT8M-***P-BGA-1H(**)	IT8M-***P-BGA-1H(**)

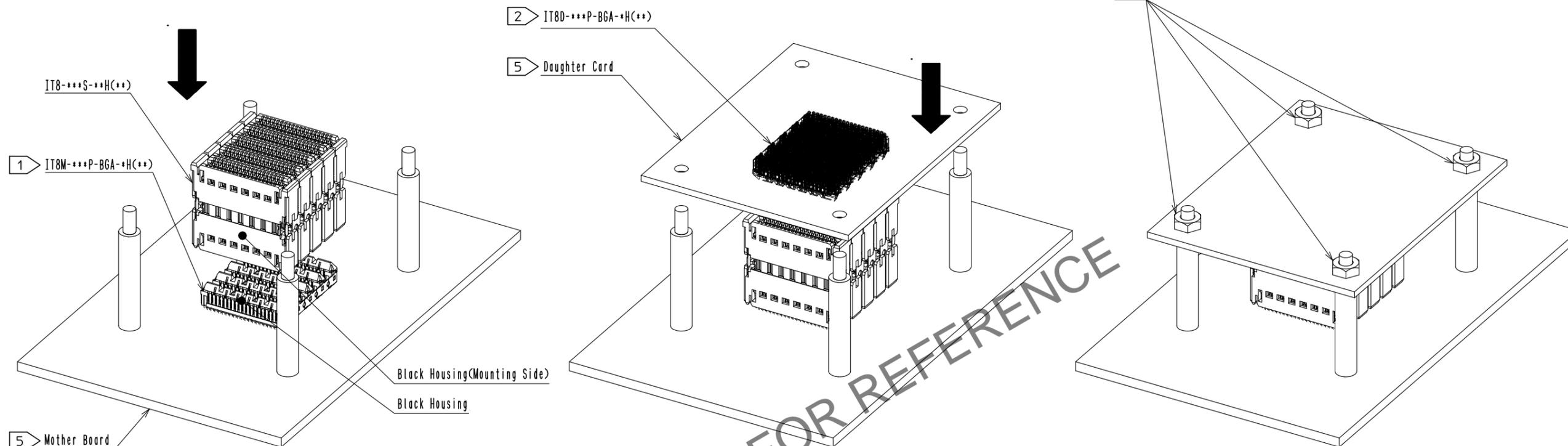


HRS DRAWING FOR REFERENCE

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					
HRS HIROSE ELECTRIC CO., LTD.		APPROVED :MK. EZAKI	17.03.23	DRAWING NO. EDC-370995-00-00			
		CHECED :YS. TAKEUCHI	17.03.23	PART NO. IT8-120S-32H			
		DESIGNED :TH. SANO	17.03.22	CODE NO. CL636-3512-0-00			
		DRAWN :CHUNKAI YANG	17.03.22				

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IT8 Assembly Process

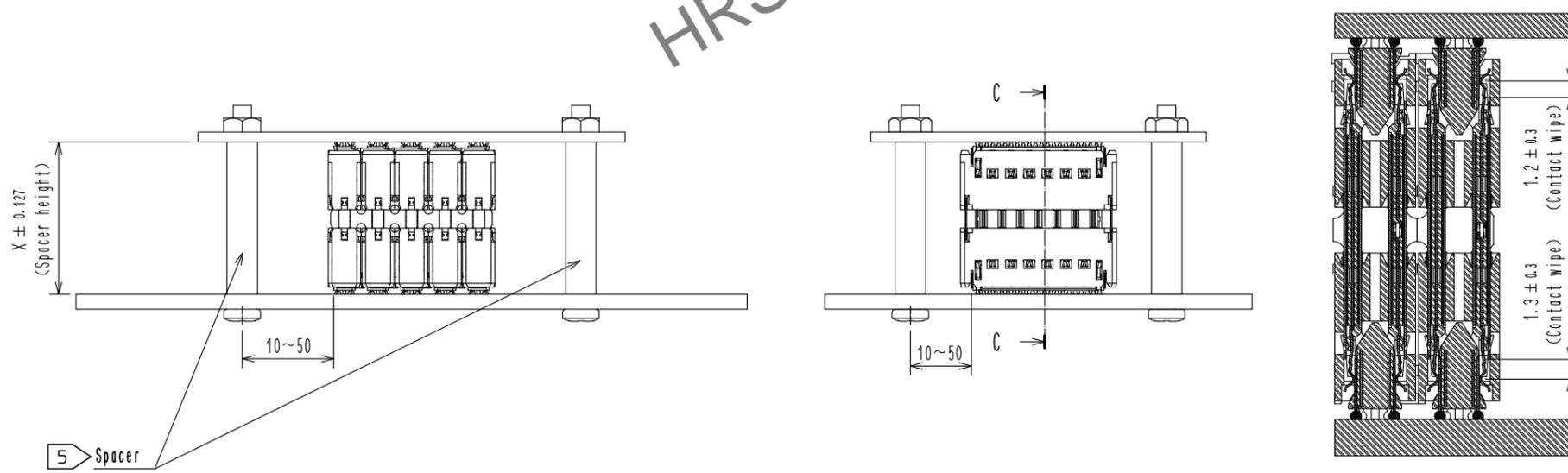


1) Insert mounting side of Interposer(IT8-***S-***H(**)) by pressing on top of Interposer into reflowed Mounting Plug(IT8M-***P-BGA-***H(**)) having black housings.

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

HRS	DRAWING NO.	EDC-370995-00-00
	PART NO.	IT8-120S-32H
	CODE NO.	CL636-3512-0-00
		2/2