

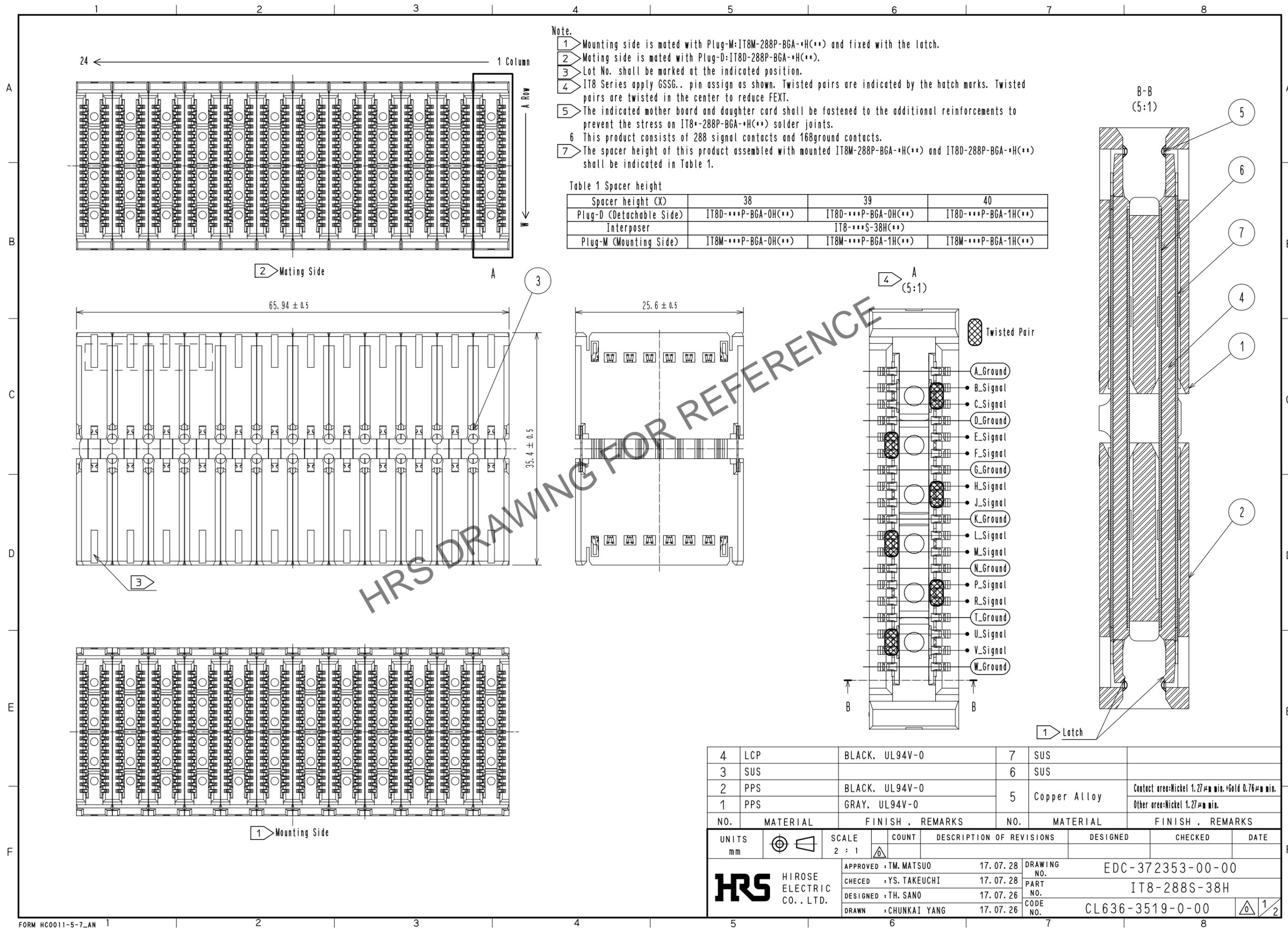
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Note.

- 1 Mounting side is mated with Plug-M:IT8M-288P-BGA-H(**) and fixed with the latch.
- 2 Mating side is mated with Plug-D:IT8D-288P-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*-288P-BGA-H(**) solder joints.
- 6 This product consists of 288 signal contacts and 168ground contacts.
- 7 The spacer height of this product assembled with mounted IT8M-288P-BGA-H(**) and IT8D-288P-BGA-H(**) shall be indicated in Table 1.

Table 1 Spacer height

Spacer height (X)	38	39	40
Plug-D (Detachable Side)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-1H(**)
Interposer		IT8-***S-38H(**)	
Plug-M (Mounting Side)	IT8M-***P-BGA-0H(**)	IT8M-***P-BGA-1H(**)	IT8M-***P-BGA-1H(**)



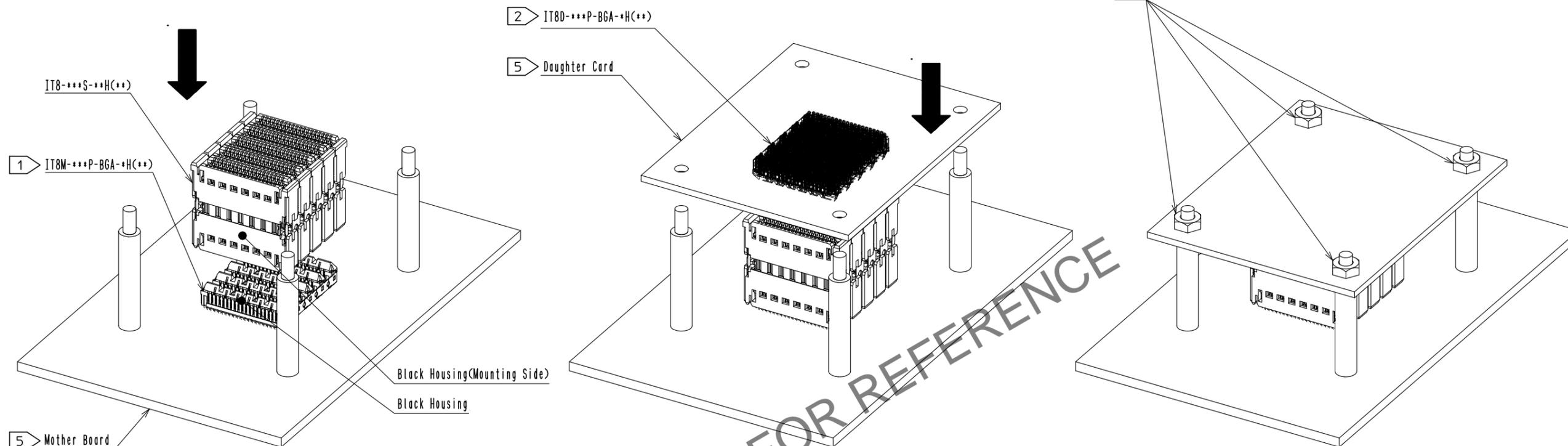
NO.	MATERIAL	FINISH .	REMARKS	NO.	MATERIAL	FINISH .	REMARKS
4	LCP	BLACK.	UL94V-0	7	SUS		
3	SUS			6	SUS		
2	PPS	BLACK.	UL94V-0	5	Copper Alloy	Contact area:	Nickel 1.27µm min.+Gold 0.76µm min.
1	PPS	GRAY.	UL94V-0			Other area:	Nickel 1.27µm min.

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△				

HRS HIROSE ELECTRIC CO., LTD.	APPROVED :	TM. MATSUO	17.07.28	DRAWING NO. EDC-372353-00-00
	CHECED :	YS. TAKEUCHI	17.07.28	
	DESIGNED :	TH. SANO	17.07.26	
	DRAWN :	CHUNKAI YANG	17.07.26	
				PART NO. IT8-288S-38H
				CODE NO. CL636-3519-0-00

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IT8 Assembly Process

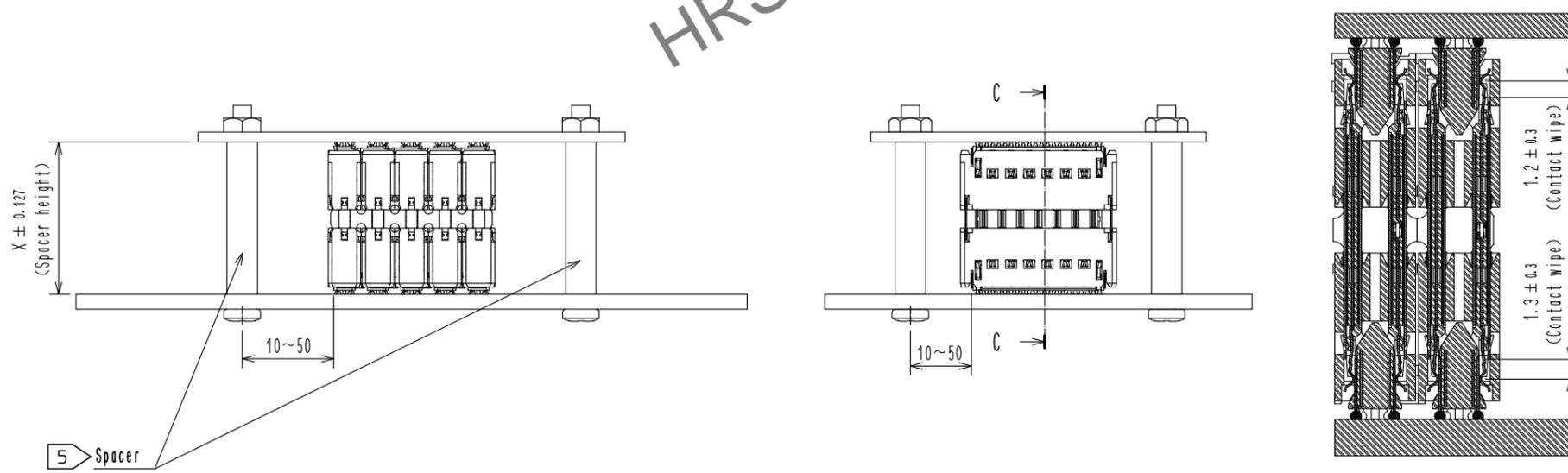


1) Insert mounting side of Interposer(IT8-***S-***H(**)) by pressing on top of Interposer into reflowed Mounting Plug(IT8M-***P-BGA-***H(**)) having black housings.

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

HRS	DRAWING NO.	EDC-372353-00-00
	PART NO.	IT8-288S-38H
	CODE NO.	CL636-3519-0-00
		2/2