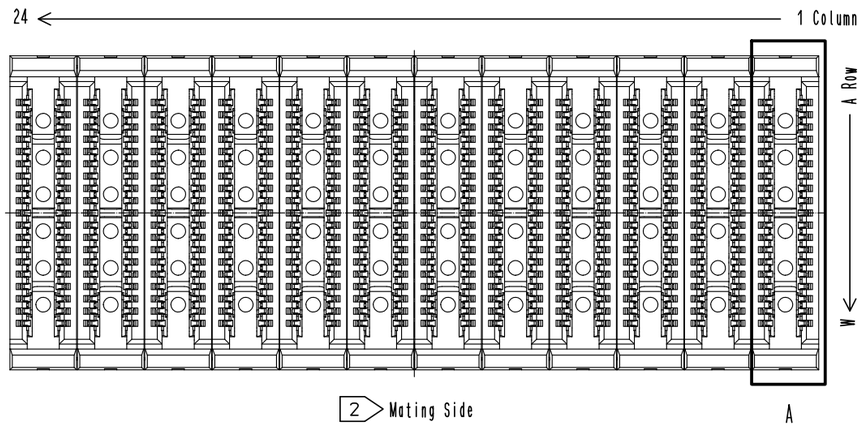
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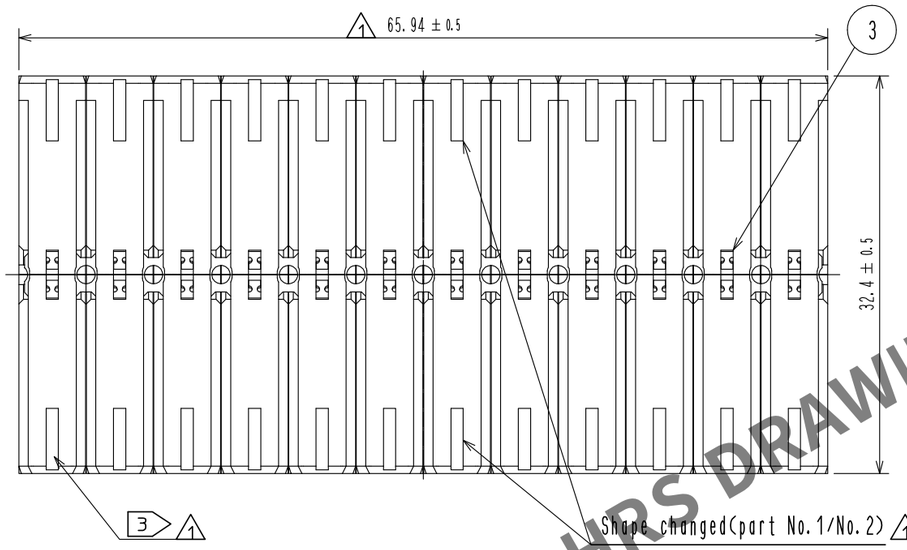
HRS DRAWING FOR REFERENCE

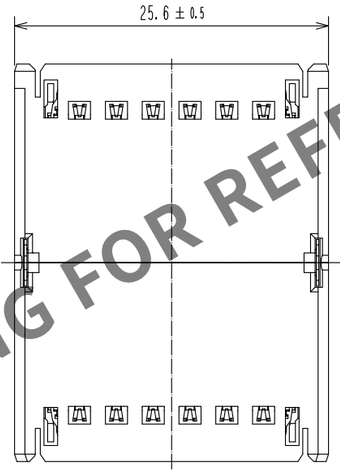
Note.
1. Mounting side is mated with Plug-M:IT8M-288P-BGA-*H(**) and fixed with the latch.
2. Mating side is mated with Plug-D:IT8D-288P-BGA-*H(**).
3. Lot No. shall be marked at the indicated position.
4. IT8 Series apply GSSG.. pin assign as shown. Twisted pairs are indicated by the hatch marks. Twisted 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 168 ground 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.

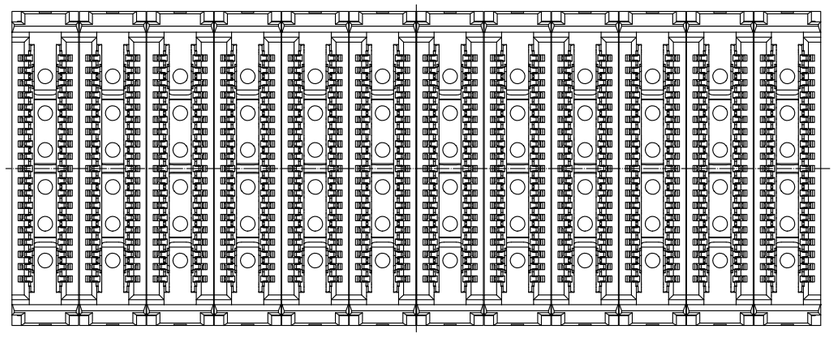
Table 1 Spacer height

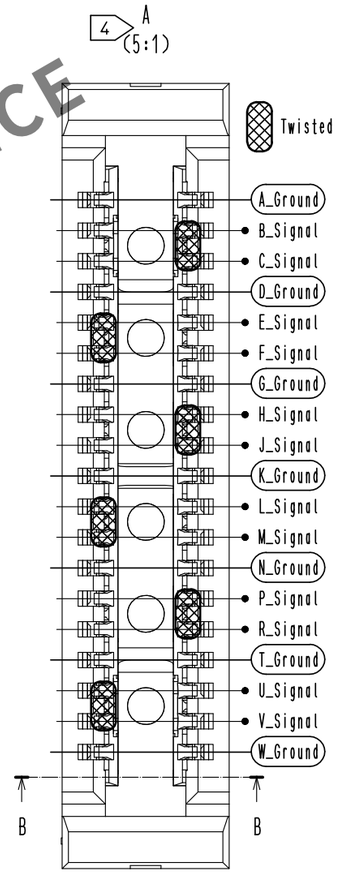
Spacer height (X)	35	36	37
Plug-D (Detachable Side)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-0H(**)	IT8D-***P-BGA-1H(**)
Interposer	IT8-***S-35H(**)		
Plug-M (Mounting Side)	IT8M-***P-BGA-0H(**)	IT8M-***P-BGA-1H(**)	IT8M-***P-BGA-1H(**)

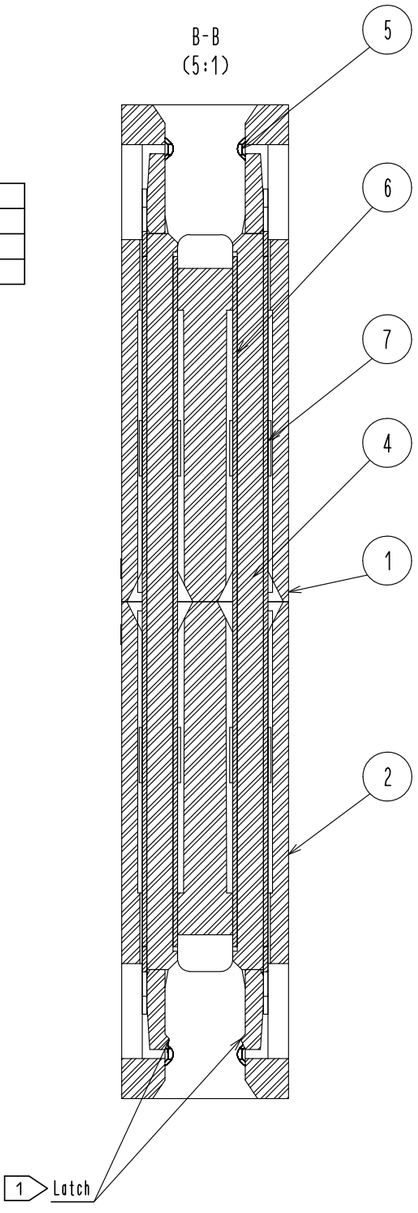












NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
4	LCP	BLACK. UL94V-0	7	SUS	
3	SUS		6	SUS	
2	PPS	BLACK. UL94V-0	5	Copper Alloy 1 1	Contact area:Nickel 1.27μm min.+Gold 0.76μm min.
1	PPS	GRAY. UL94V-0			Other area:Nickel 1.27μm min.

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

HIROSE ELECTRIC CO., LTD.

APPROVED	MK. EZAKI	15. 08. 03
CHECED	MK. EZAKI	15. 08. 03
DESIGNED	YS. TAKEUCHI	15. 08. 03
DRAWN	YS. TAKEUCHI	15. 08. 03

DRAWING NO.	EDC-355934-00-00
PART NO.	IT8-288S-35H
CODE NO.	CL636-3502-4-00

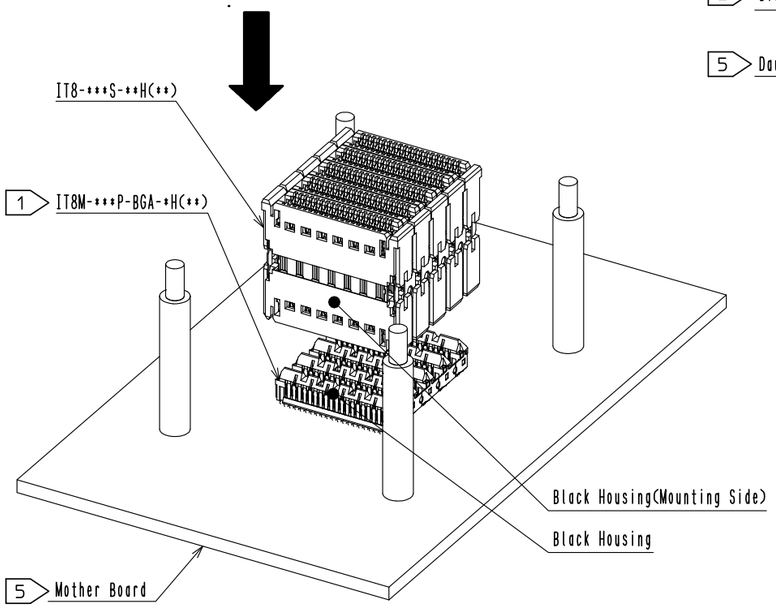
1 1/2

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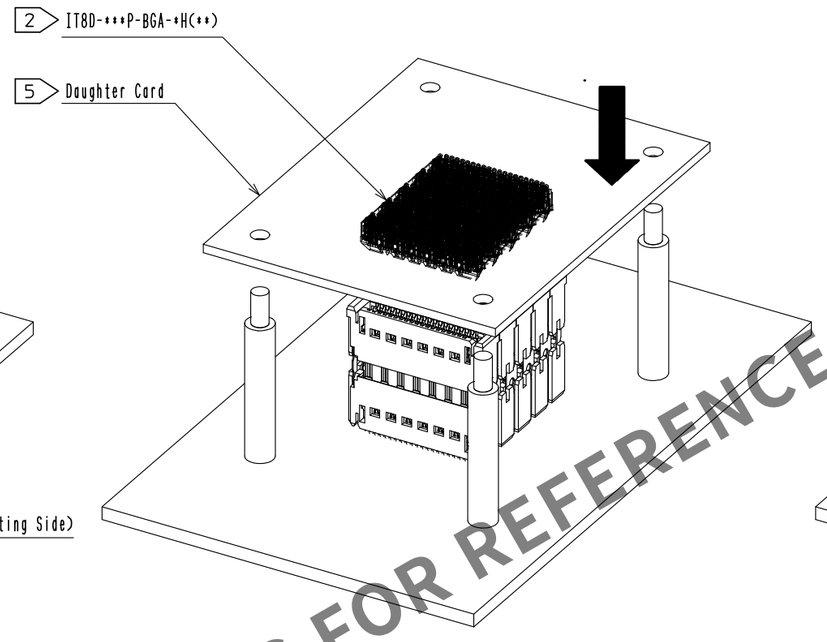
HRS DRAWING FOR REFERENCE

△1

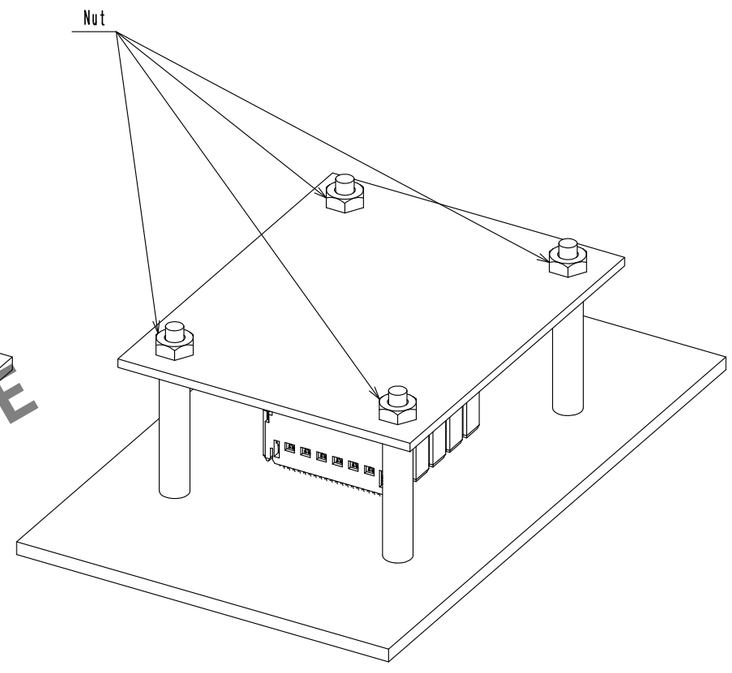
IT8 Assembly Process



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.

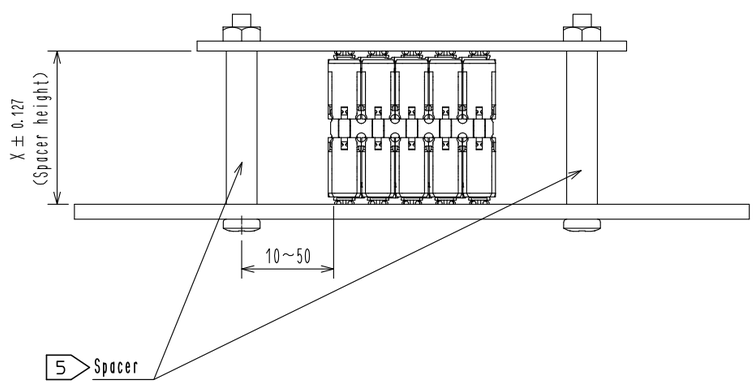


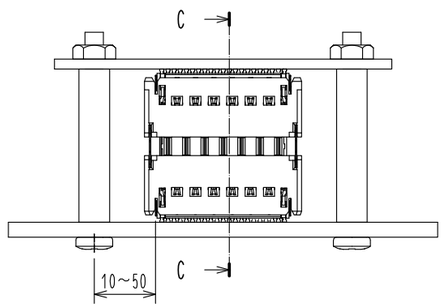
2) Insert Detachable Plug(IT8D-***P-BGA-*H(**)) having gray housings into mating side of Interposer(IT8-***S-**H(**)).



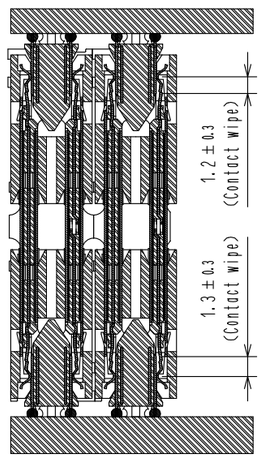
3) Install and tighten nuts to fix mated Detachable Plug after completion of mating.

IT8 Mated Condition





C-C
(2.5:1)



DRAWING NO.	EDC-355934-00-00
PART NO.	IT8-288S-35H
CODE NO.	CL636-3502-4-00 △1 2/2