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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

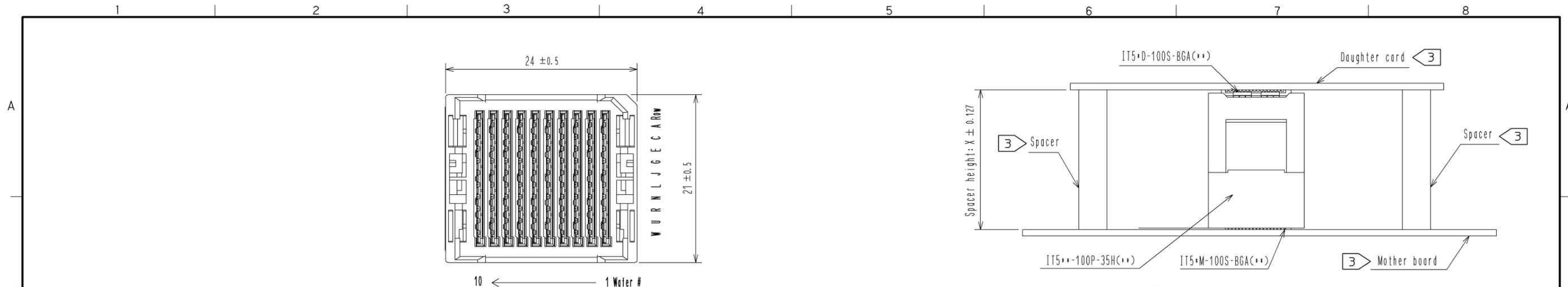
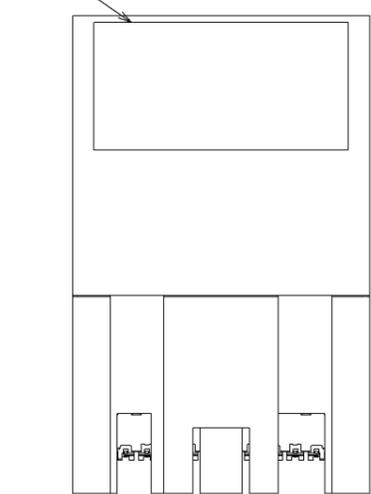
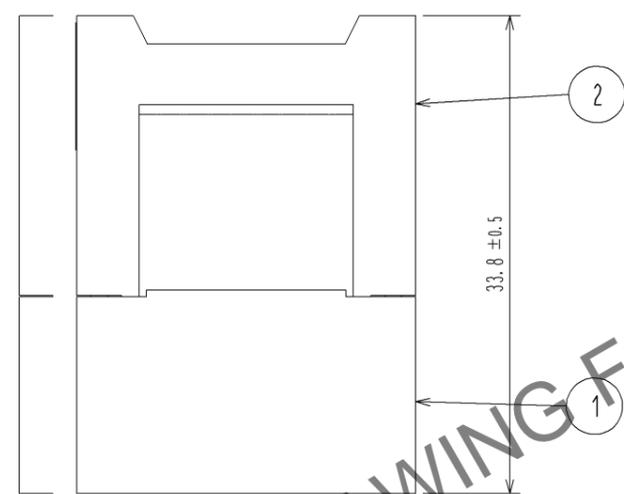


Figure1 Mated condition

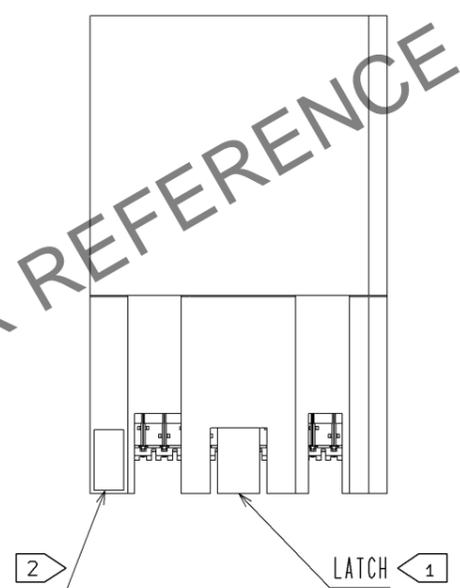
Label including Hirose product name and part number



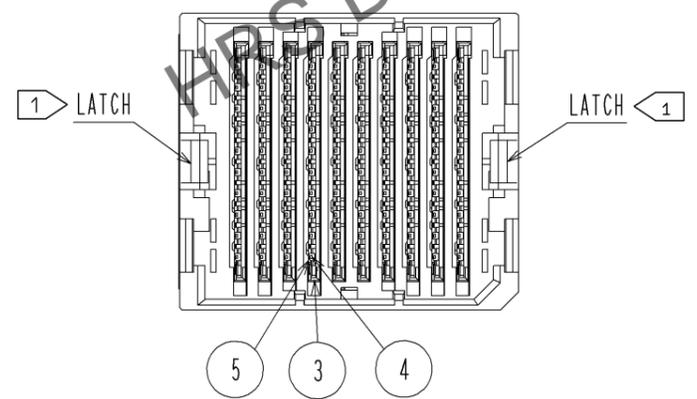
Mating Side



Mounting Side



LATCH (1)



Receptacle Detachable(mating) side	Interposer	Receptacle Mounting side	Spacer height (X)
IT5D-100S-BGA(**)	IT5**+100P-35H(**)	IT5M-100S-BGA(**)	35
		IT5HM-100S-BGA(**)	36
IT5HD-100S-BGA(**)		IT5M-100S-BGA(**)	
		IT5HM-100S-BGA(**)	

Table1 Spacer height

- NOTE.
- 1 Mounting side is mated with the receptacle:IT5+M-100S-BGA(**) and fixed with the latch.
 - 2 Lot No. shall be marked on the indicated position.
 - 3 The indicated mother board and daughter card shall be fastened to the additional reinforcements to prevent the stress on IT5**+100S-BGA(**) solder joints.
 - 4 Please refer to HIROSE document: ETAD-F0584 'IT5 design guideline'.
 - 5 This product consists of 100 signal lines.
 - 6 25pcs of this products are packed in a soft tray.
 - 7 Standard package of 50pcs are packaged in a carton box.
 - 8 Please contact Hirose regarding pin assignment for single-ended signal transmission at the pairs used for differential signal transmission.

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
3	LCP	BLACK.	UL94V-0	5	Copper Alloy		Contact area:Nickel(1.5μm)+Gold(0.76μm) Other area :Nickel(1.5μm)
2	PBT	GRAY.	UL94V-0	4	Copper Alloy		Contact area:Nickel(1.5μm)+Gold(0.76μm) Other area :Nickel(1.5μm)
1	PBT	BLACK.	UL94V-0				

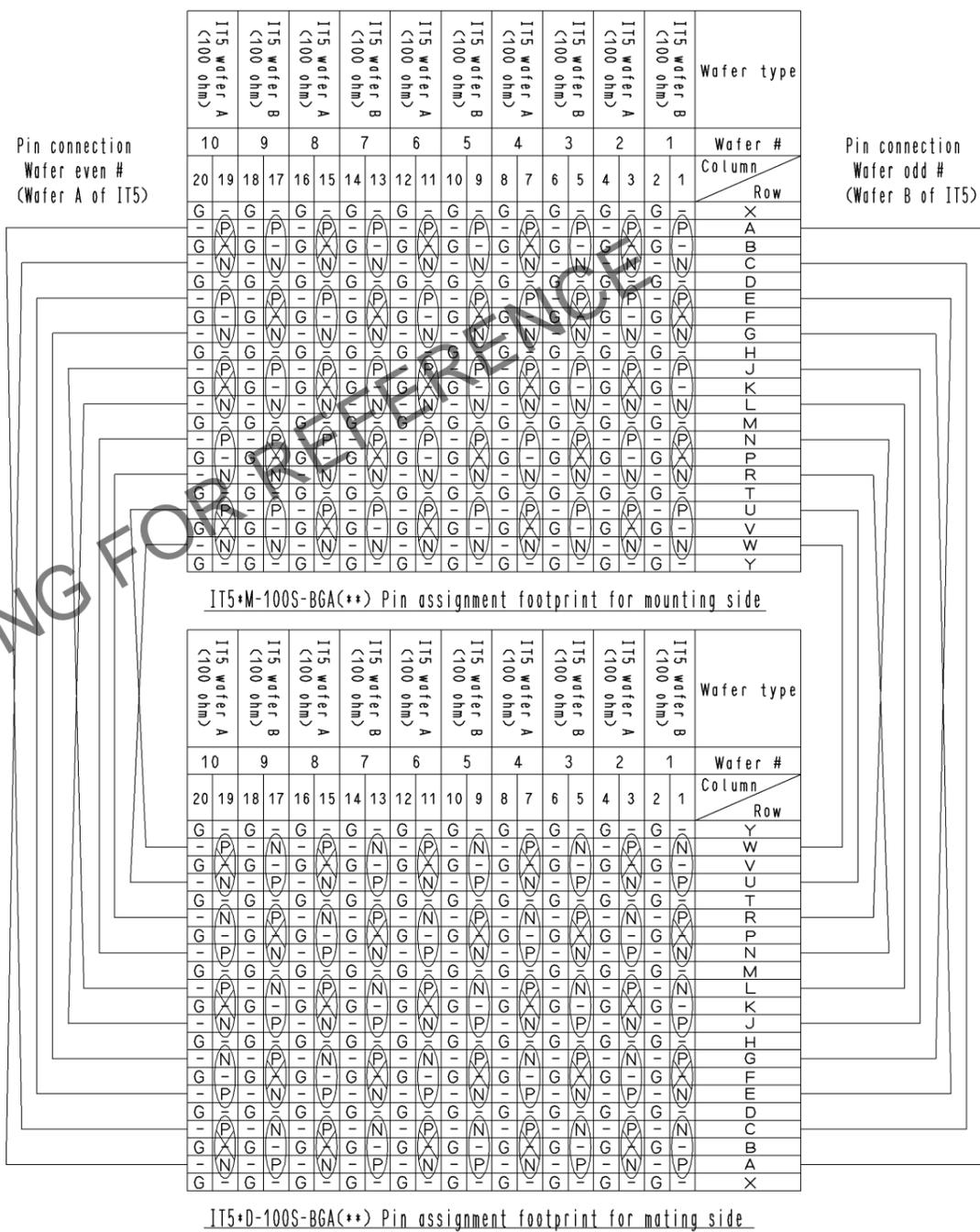
UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△				

HRS HIROSE ELECTRIC CO., LTD.	APPROVED :	MK. EZAKI	13.10.18	DRAWING NO.	EDC3-338668-01	
	CHECED :	MK. NAGATA	13.10.18	PART NO.	IT5-100P-35H(03)	
	DESIGNED :	TF. SUGAWARA	13.10.18	CODE NO.	CL636-1038-8-03	
	DRAWN :	TF. SUGAWARA	13.10.18			

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A
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D
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A
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- Symbols**
- G: GND, Power
 - P: Positive of differential pair
 - N: Negative of differential pair
- Twisted pair used for differential
 Non twisted pair used for differential

HRS	DRAWING NO.	EDC3-338668-01
	PART NO.	IT5-100P-35H(C03)
	CODE NO.	CL636-1038-8-03

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