

Sep.1.2021 Copyright 2021 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

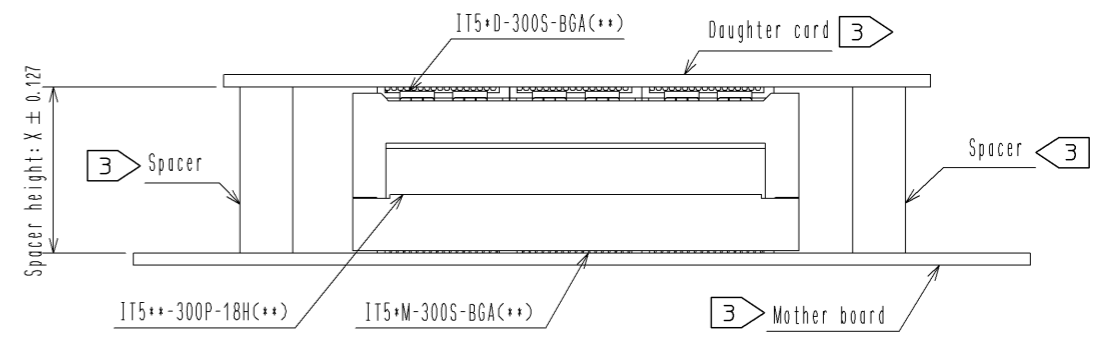
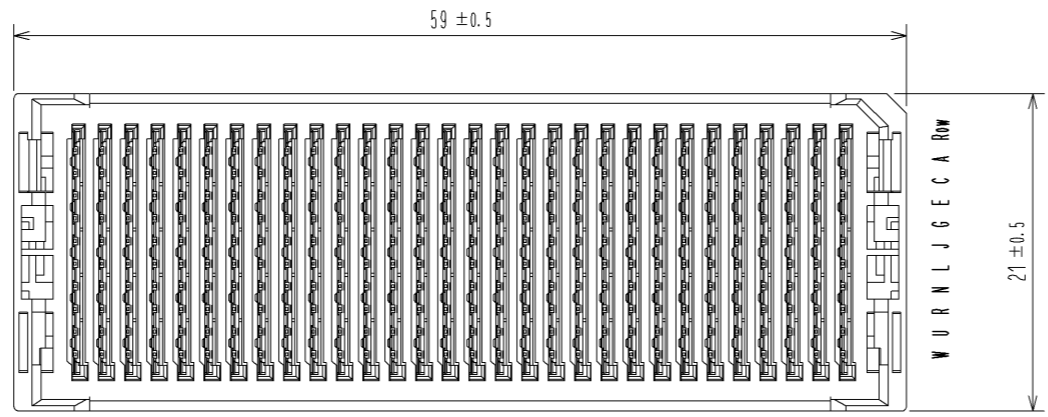
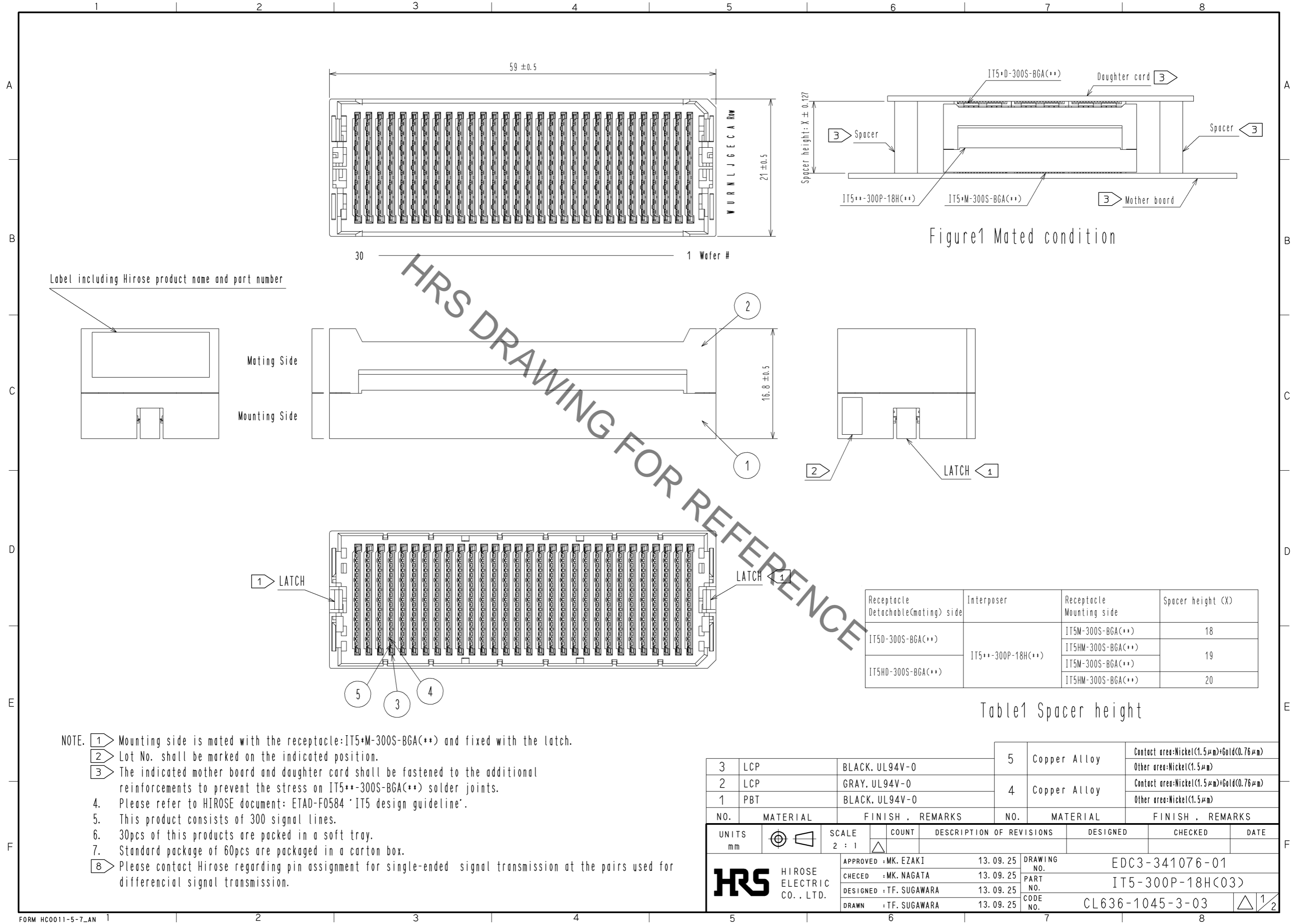
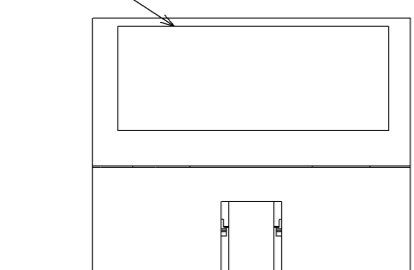


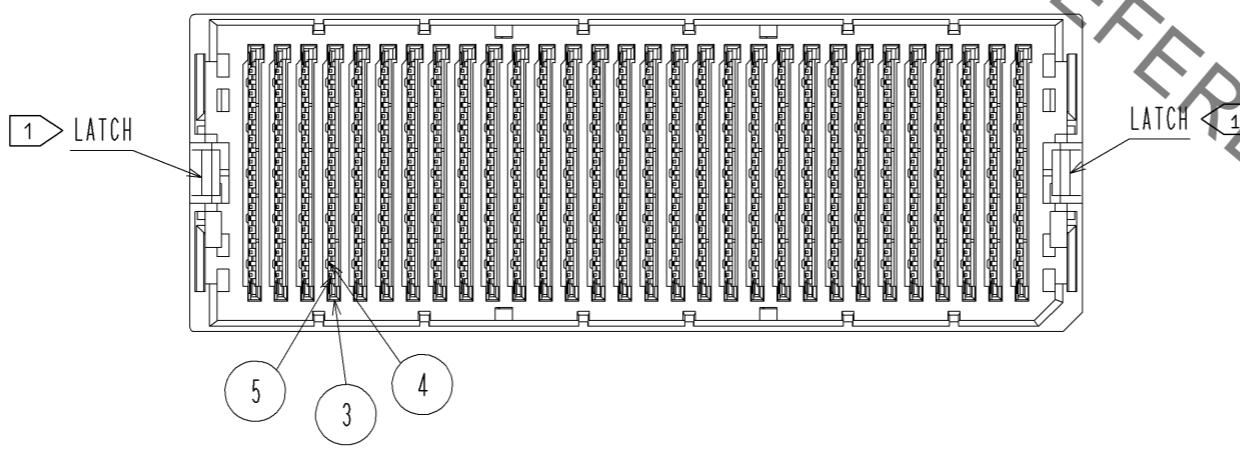
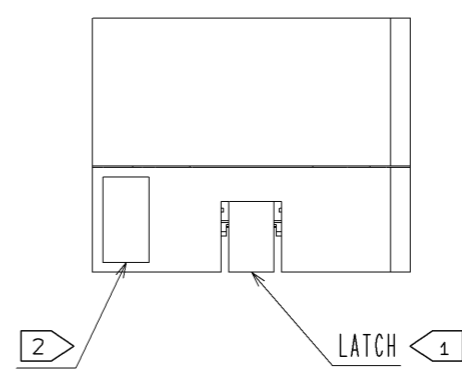
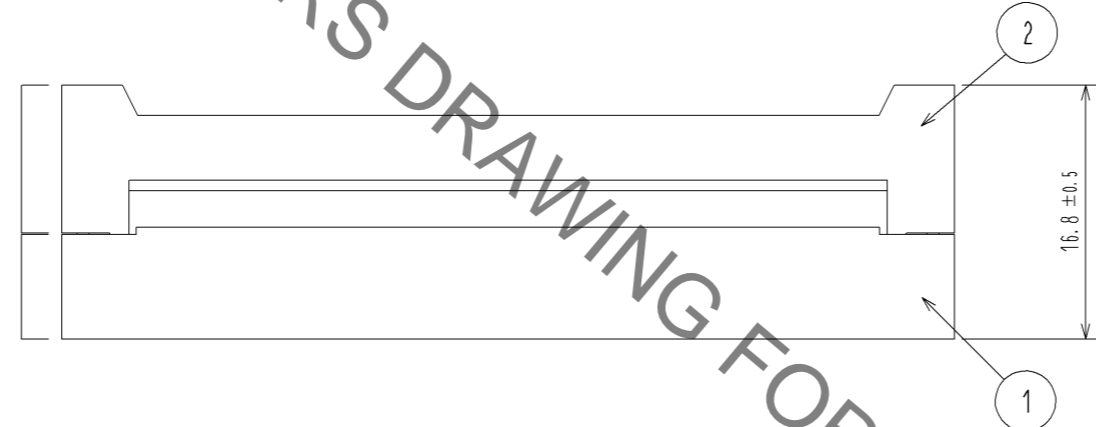
Figure1 Mated condition

Label including Hirose product name and part number



Mating Side

Mounting Side



Receptacle Detachable(mating) side	Interposer	Receptacle Mounting side	Spacer height (X)
IT5D-300S-BGA(**)	IT5+-300P-18H(**)	IT5M-300S-BGA(**)	18
		IT5HM-300S-BGA(**)	19
IT5H-300S-BGA(**)		20	
IT5HM-300S-BGA(**)			

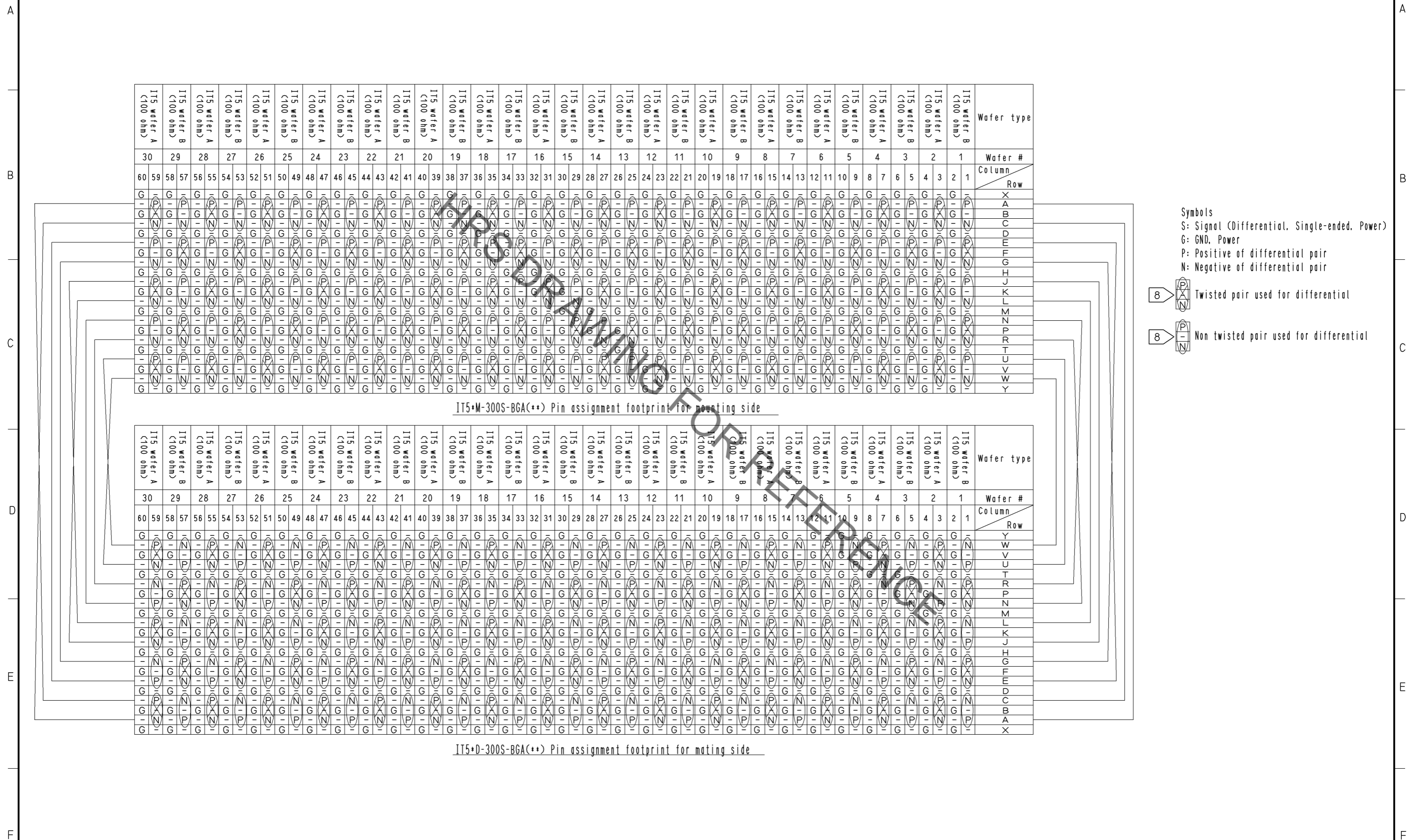
Table1 Spacer height

- NOTE.
- 1 Mounting side is mated with the receptacle:IT5+M-300S-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+-300S-BGA(**) solder joints.
 4. Please refer to HIROSE document: ETAD-F0584 'IT5 design guideline'.
 5. This product consists of 30 signal lines.
 6. 30pcs of this products are packed in a soft tray.
 7. Standard package of 60pcs 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)	
2	LCP	GRAY.	UL94V-0	4	Copper Alloy	Other area:Nickel(1.5μm)	
1	PBT	BLACK.	UL94V-0			Other area:Nickel(1.5μm)+Gold(0.76μm)	
						Other area:Nickel(1.5μm)	

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

APPROVED :	MK. EZAKI	13.09.25	DRAWING NO.	EDC3-341076-01
CHECED :	MK. NAGATA	13.09.25	PART NO.	IT5-300P-18H(03)
DESIGNED :	TF. SUGAWARA	13.09.25	CODE NO.	CL636-1045-3-03
DRAWN :	TF. SUGAWARA	13.09.25		



Symbols
 S: Signal (Differential, Single-ended, Power)
 G: GND, Power
 P: Positive of differential pair
 N: Negative of differential pair

8 Twisted pair used for differential
 8 Non twisted pair used for differential

HRS	DRAWING NO.	EDC3-341076-01
	PART NO.	IT5-300P-18H(C03)
	CODE NO.	CL636-1045-3-03
		2/2

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:

Click to view products by [Hirose](#) manufacturer:

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [FCN-214Q030-G/0](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [2-22603-0](#) [MDF7-40DP-2.54DSA\(55\)](#) [AXG720047](#) [MIT-114-03-F-D-K](#) [55323-1519](#) [DF33-2P-3.3DSA\(24\)](#) [YFT-20-05-H-03-SB-K](#) [503308-3040](#) [026-6203-PDB](#) [027-6203-PDB](#) [069159702701000](#) [10123981-102LF](#) [101A10019X](#) [55650-0588-C](#) [68682-310LF](#) [68684-306](#) [75140-7012](#) [87471-650](#) [YTW-30-07-H-Q-410-140](#) [FCN-268F024-G0D](#) [10124054-515LF](#) [68685-603](#) [8-1616154-3](#) [MIS-019-01-F-D](#) [FCN-268M024-G/3D](#) [FCN-268M036-G/BD](#) [20021832-06016C1LF](#) [KX15-20KLDL-E1000E](#) [AXE810124](#) [FCN-214J100-G/0](#) [FCN-230C068-E/S](#) [AXE812124](#) [AXE816124](#) [AXE720127](#) [354184](#)