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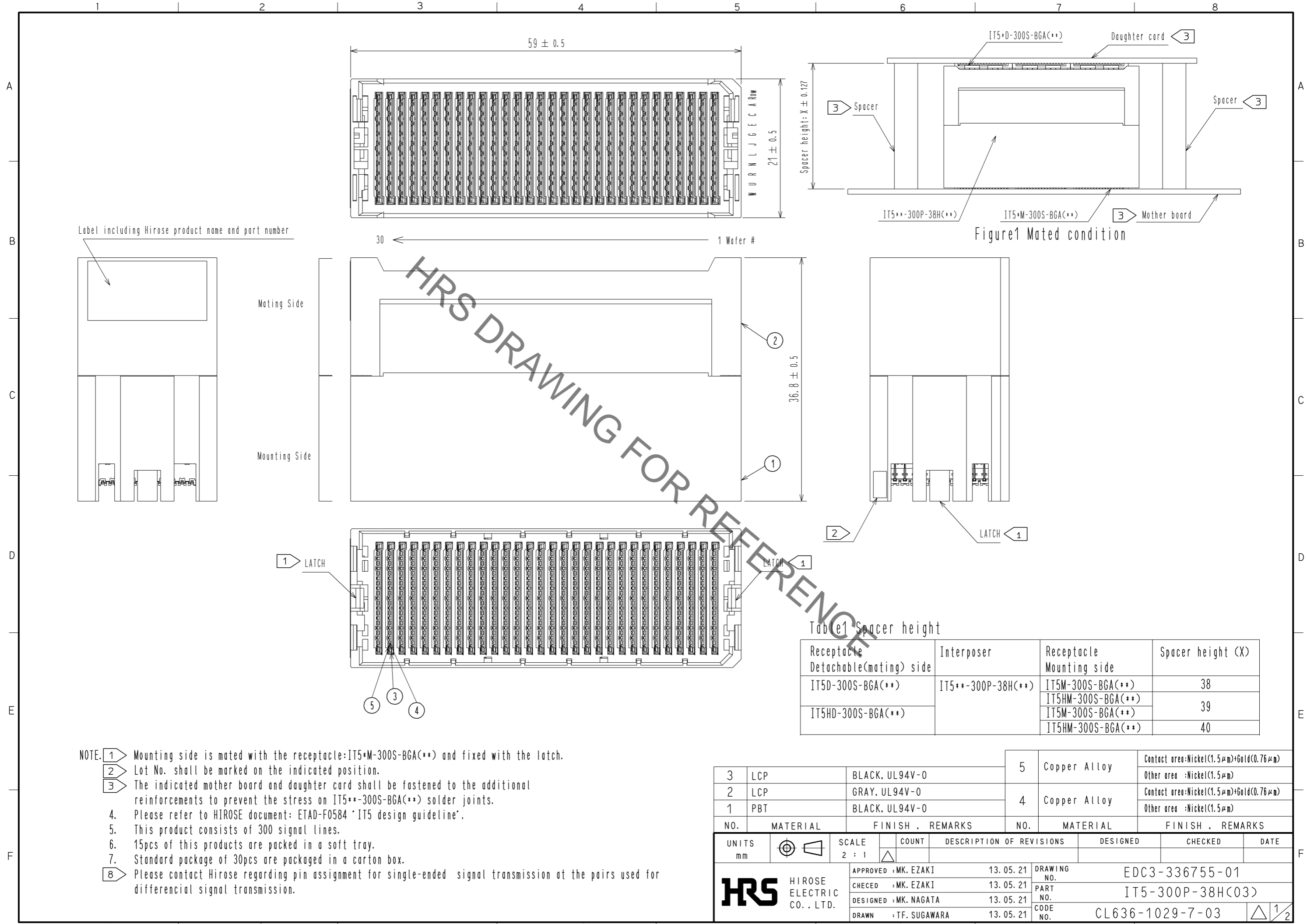


Figure1 Mated condition

Table1 Spacer height

Receptacle Detachable(mating) side	Interposer	Receptacle Mounting side	Spacer height (X)
IT5D-300S-BGA(**)	IT5**-300P-38H(**)	IT5M-300S-BGA(**)	38
IT5HD-300S-BGA(**)		IT5HM-300S-BGA(**)	39
		IT5M-300S-BGA(**)	40
		IT5HM-300S-BGA(**)	

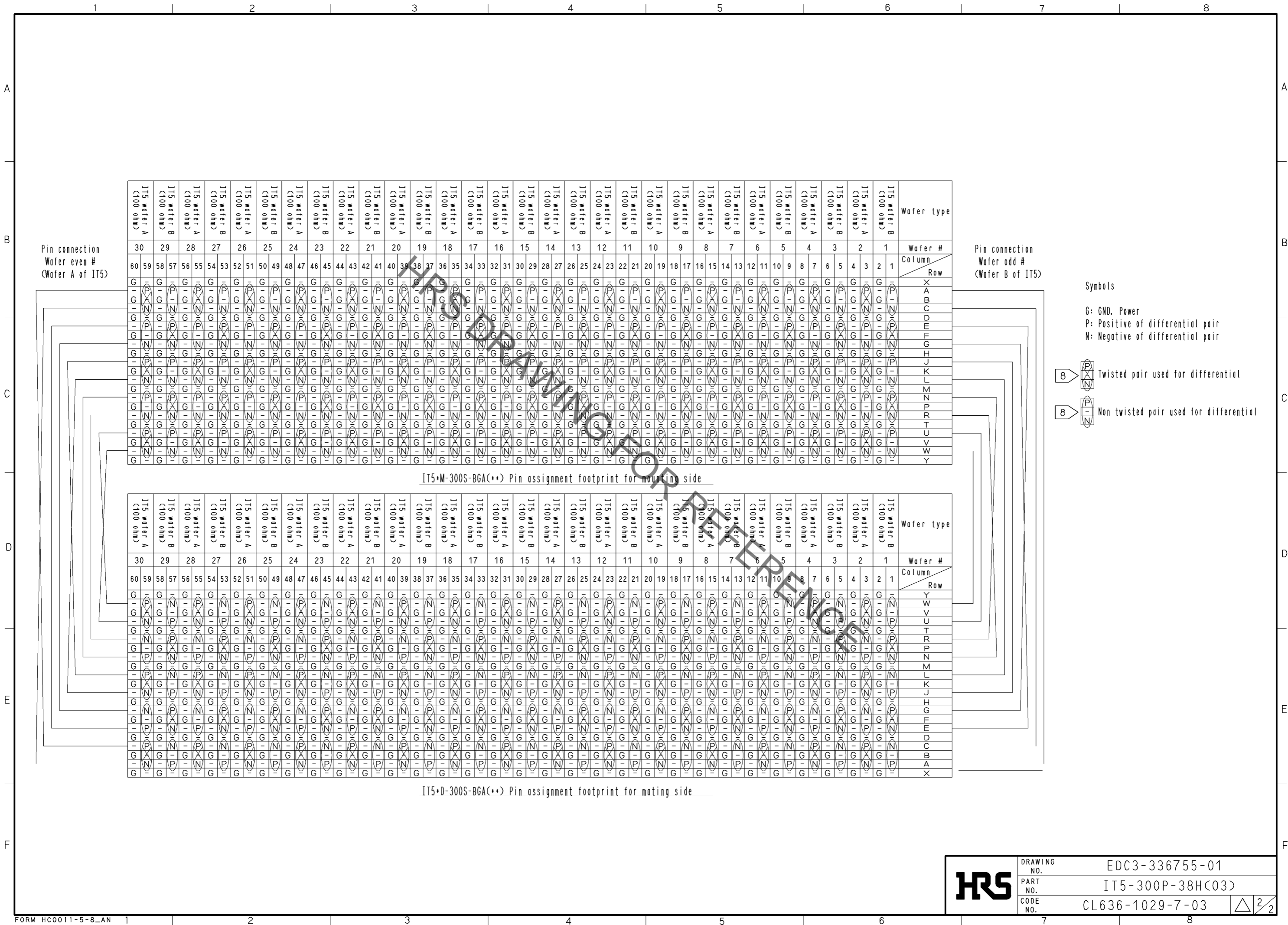
- NOTE.
- 1 Mounting side is mated with the receptacle:IT5*M-300S-BGA(**) and fixed with the latch.
 - 2 Lot No. shall be marked on the indicated position.
 - 3 The indicated mother board and daughter card shall be fastened to the additional reinforcements to prevent the stress on IT5**-300S-BGA(**) solder joints.
 - 4 Please refer to HIROSE document: ETAD-F0584 'IT5 design guideline'.
 - 5 This product consists of 300 signal lines.
 - 6 15pcs of this products are packed in a soft tray.
 - 7 Standard package of 30pcs 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	LCP	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	△	APPROVED : MK. EZAKI 13.05.21			
			CHECED : MK. EZAKI 13.05.21			
			DESIGNED : MK. NAGATA 13.05.21			
			DRAWN : TF. SUGAWARA 13.05.21			

DRAWING NO.	PART NO.	CODE NO.
EDC3-336755-01	IT5-300P-38H(03)	CL636-1029-7-03

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Pin connection
 Wafer even #
 (Wafer A of IT5)

Pin connection
 Wafer odd #
 (Wafer B of IT5)

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

IT5-M-300S-BGA(**) Pin assignment footprint for mounting side

IT5-D-300S-BGA(**) Pin assignment footprint for mating side

HRS	DRAWING NO.	EDC3-336755-01
	PART NO.	IT5-300P-38H(C03)
	CODE NO.	CL636-1029-7-03
		2/2

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