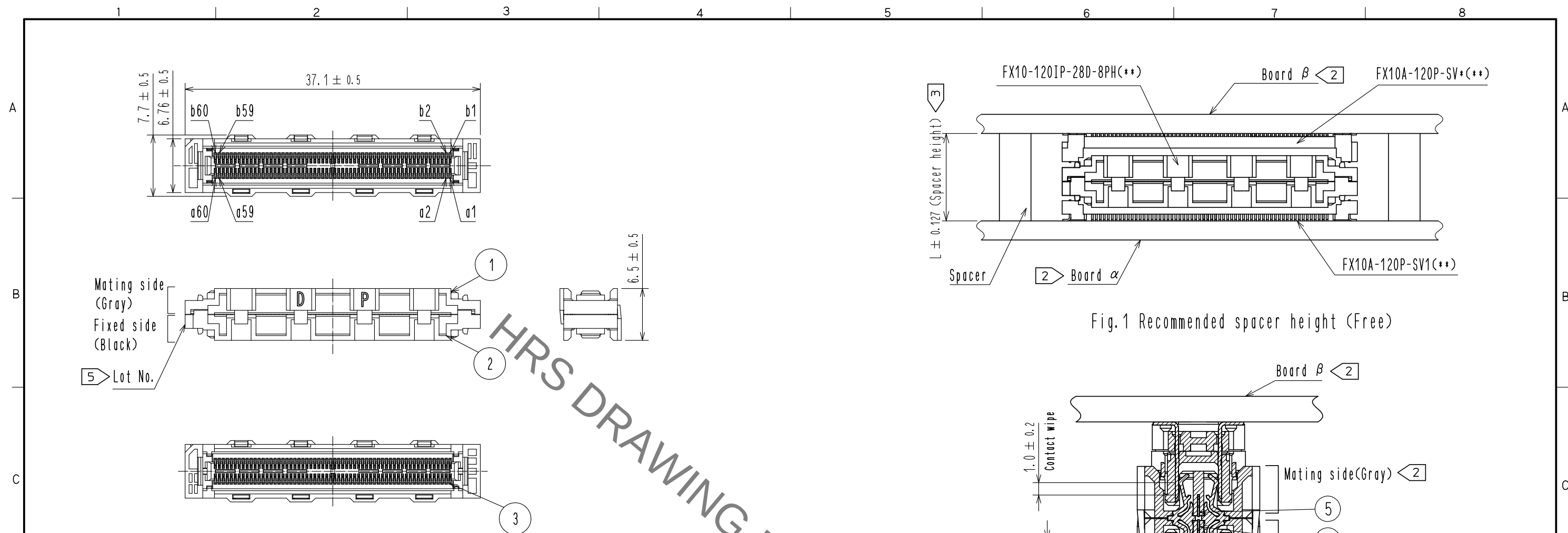


Table.1 Stacking height and connector combinations 1

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L) 
11mm	FX10A-120P-SV1(**)	FX10-120IP-28D-8PH(O3)	FX10A-120P-SV2(**)	11±0.127mm
12mm	FX10A-120P-SV1(**)		FX10A-120P-SV3(**)	12±0.127mm
13mm	FX10A-120P-SV1(**)		FX10A-120P-SV4(**)	13±0.127mm

Table.2 Pin configuration of Interposer ◀4

[illegible]

S: Signal for Differential SE: Signal for Single-ended G1: Common ground 1 G2: Common ground 2

- Note.
- 1 The header connectors are decided by board distance (stacking height). Connector combination is shown in Table 1.
 - 2 Fixed side (Black side) of interposer should be mated with header mounted on board α .
Mating side (Gray side) should be mated with header mounted on board β .
 - 3 Spacers are required to support the PWB's and protect the SMT solder joints.
Recommended spacer height is shown in Table 1.
 - 4 Pin configuration is shown in Table 2.
This product consists of 28 Differential pairs ,4 Single-ended lines and 60 ground lines.
 - 5 Lot No. shall be marked on the indicated position.
 - 6 50pcs of this product are packed in soft tray. See Fig.3 for details.

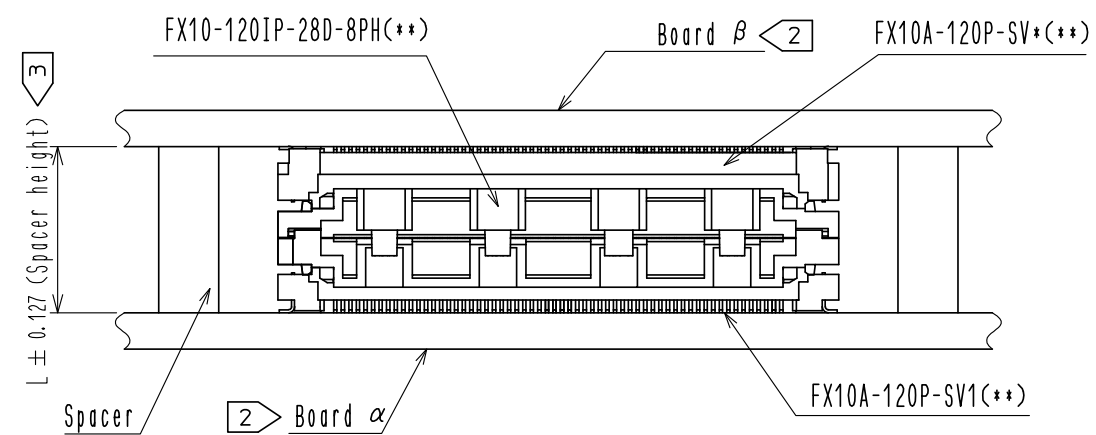


Fig.1 Recommended spacer height (Free)

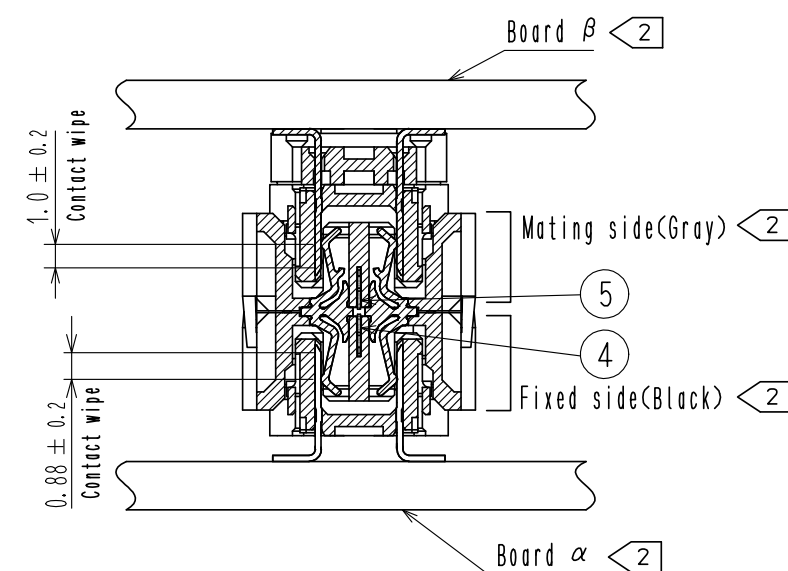
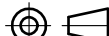
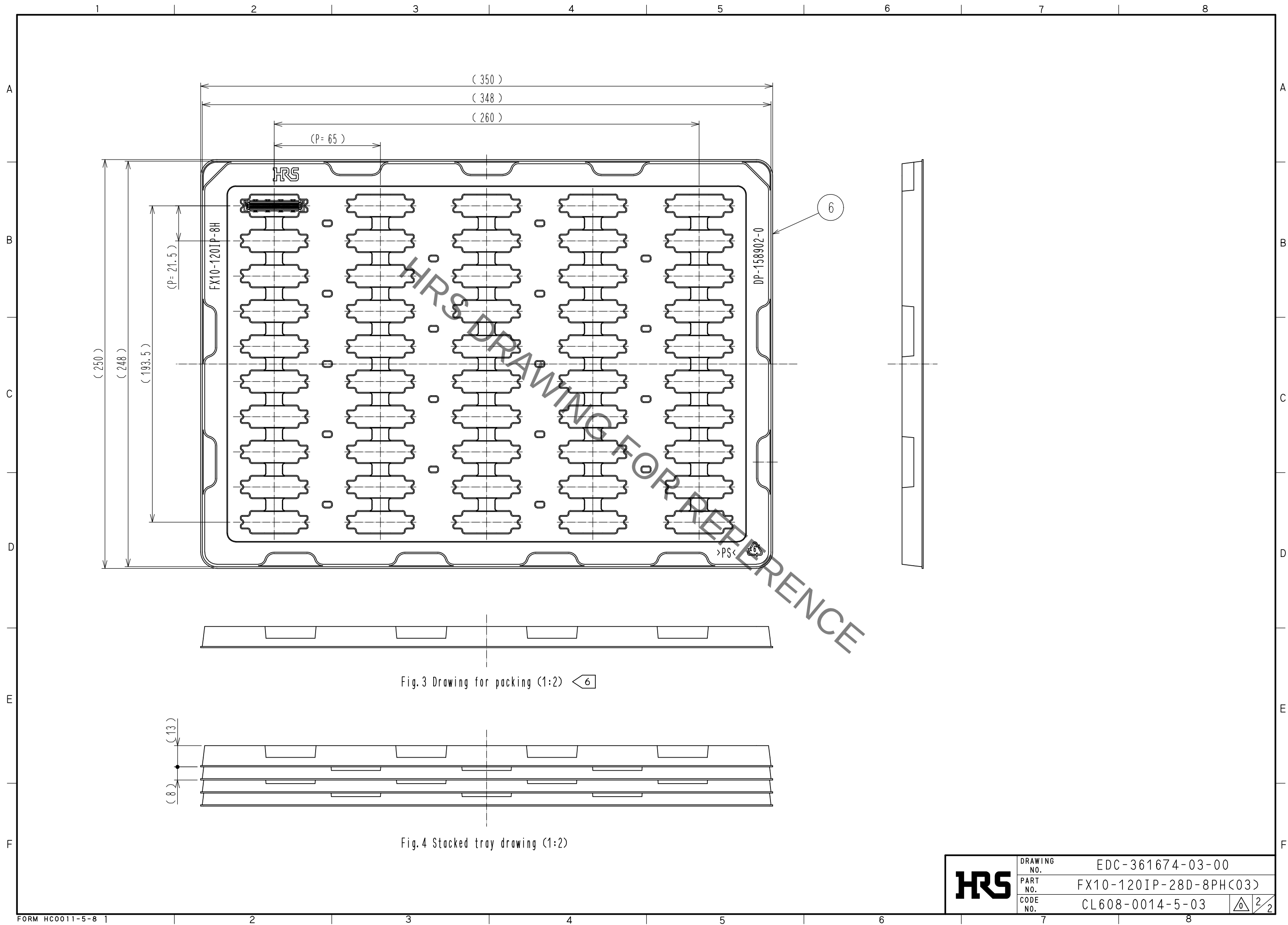


Fig.2 Mating cross section (Free)

3	Copper Alloy	Ni1.5 μ m+Au0.76 μ m	6	PS	(Tray)				
2	LCP(Black)	UL94V-0	5	Copper Alloy	Ni1 μ m				
1	LCP(Gray)	UL94V-0	4	Copper Alloy	Ni1 μ m				
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS			
UNITS mm		SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.	APPROVED		TM. MATSUO		17.07.19		DRAWING NO. EDC-361674-03-00		
	CHECKED		MK. EZAKI		17.07.19		PART NO. FX10-120IP-28D-8PH(03)		
	DESIGNED		AS. MATSUZAWA		17.07.19		CODE NO. CL608-0014-5-03		
	DRAWN		XINGYU CHENG		17.07.19		 		

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