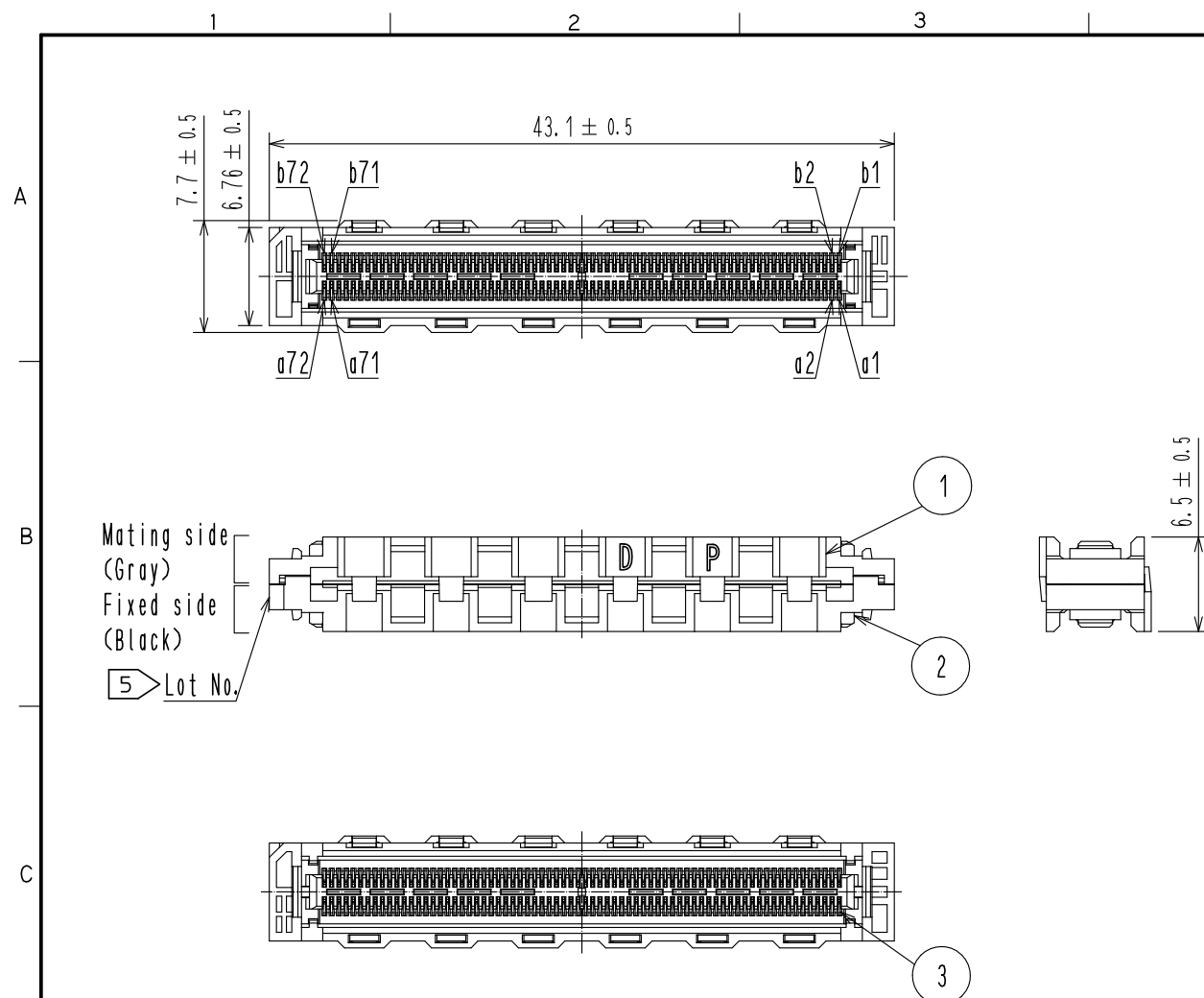


Table.1 Stacking height and connector combinations 1

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L) 
11mm	FX10A-144P-SV1(**)	FX10-144IP-32D-8PH(C03)	FX10A-144P-SV2(**)	11±0.127mm
12mm	FX10A-144P-SV1(**)		FX10A-144P-SV3(**)	12±0.127mm
13mm	FX10A-144P-SV1(**)		FX10A-144P-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 32 Differential pairs, 12 Single-ended lines and 68 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.

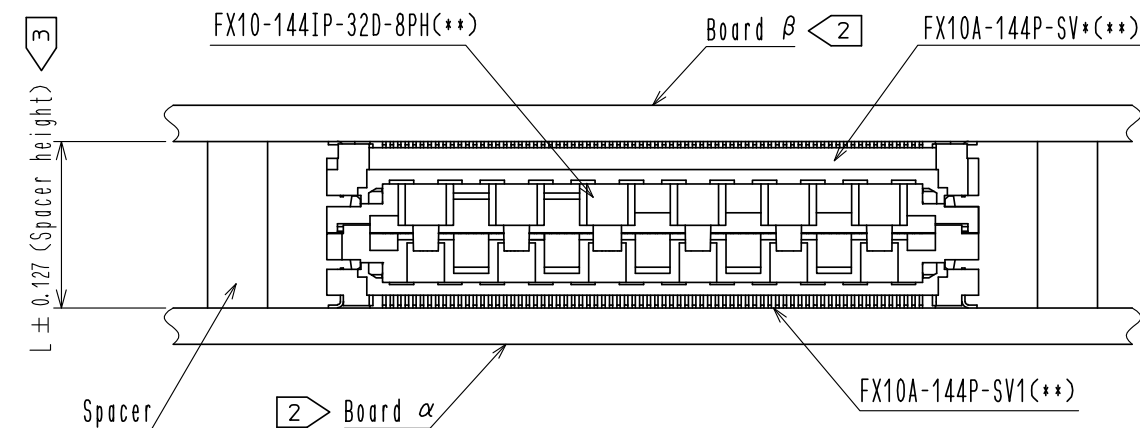


Fig.1 Recommended spacer height (Free)

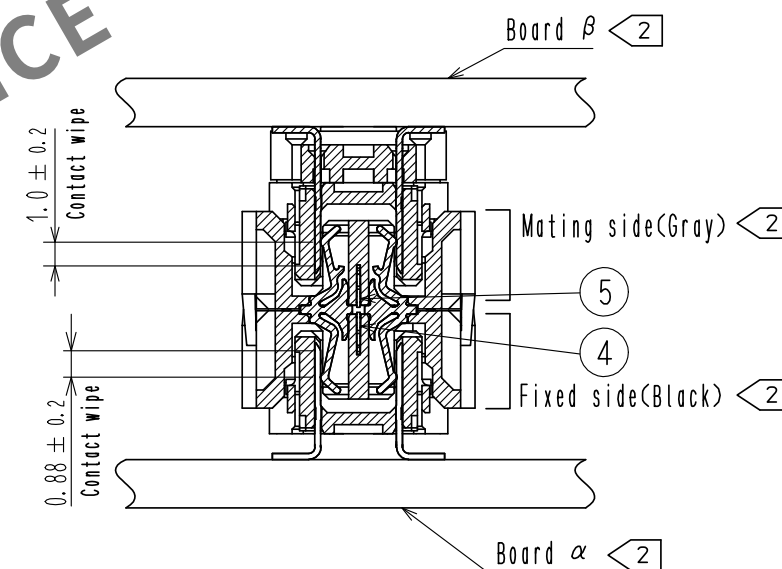
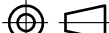
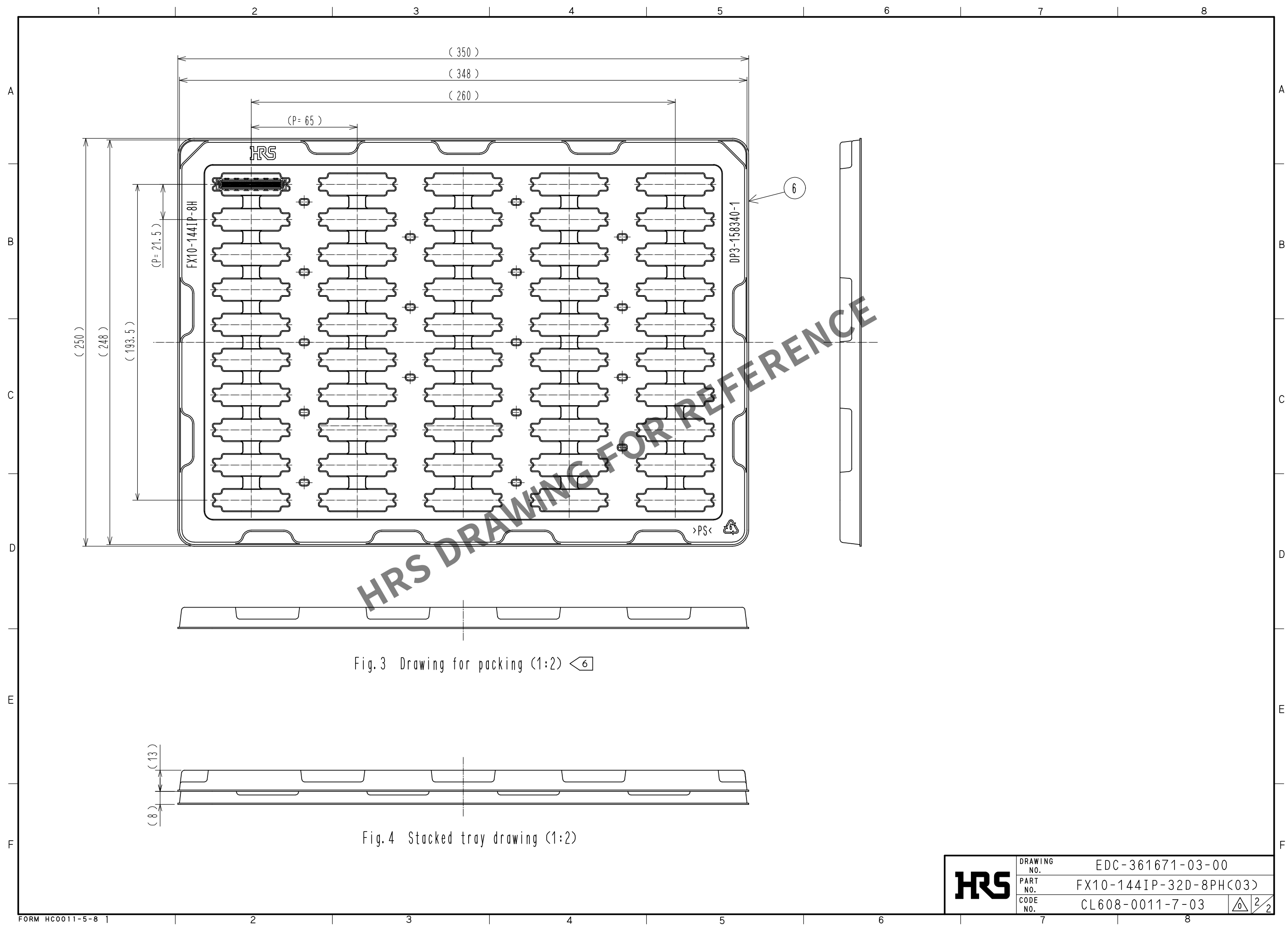


Fig.2 Mating cross section (Free)

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. 28	DRAWING NO. EDC-361671-03-00				
	CHECKED	MK. EZAKI		17. 07. 28	PART NO. FX10-144IP-32D-8PH(03)				
	DESIGNED	AS. MATSUZAWA		17. 07. 28	CODE NO. CL608-0011-7-03				
	DRAWN	XINGYU CHENG		17. 07. 28					
					 				

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	PART NO.	FX10-144IP-32D-8PH(03)		
	CODE NO.	CL608-0011-7-03		$\frac{2}{2}$