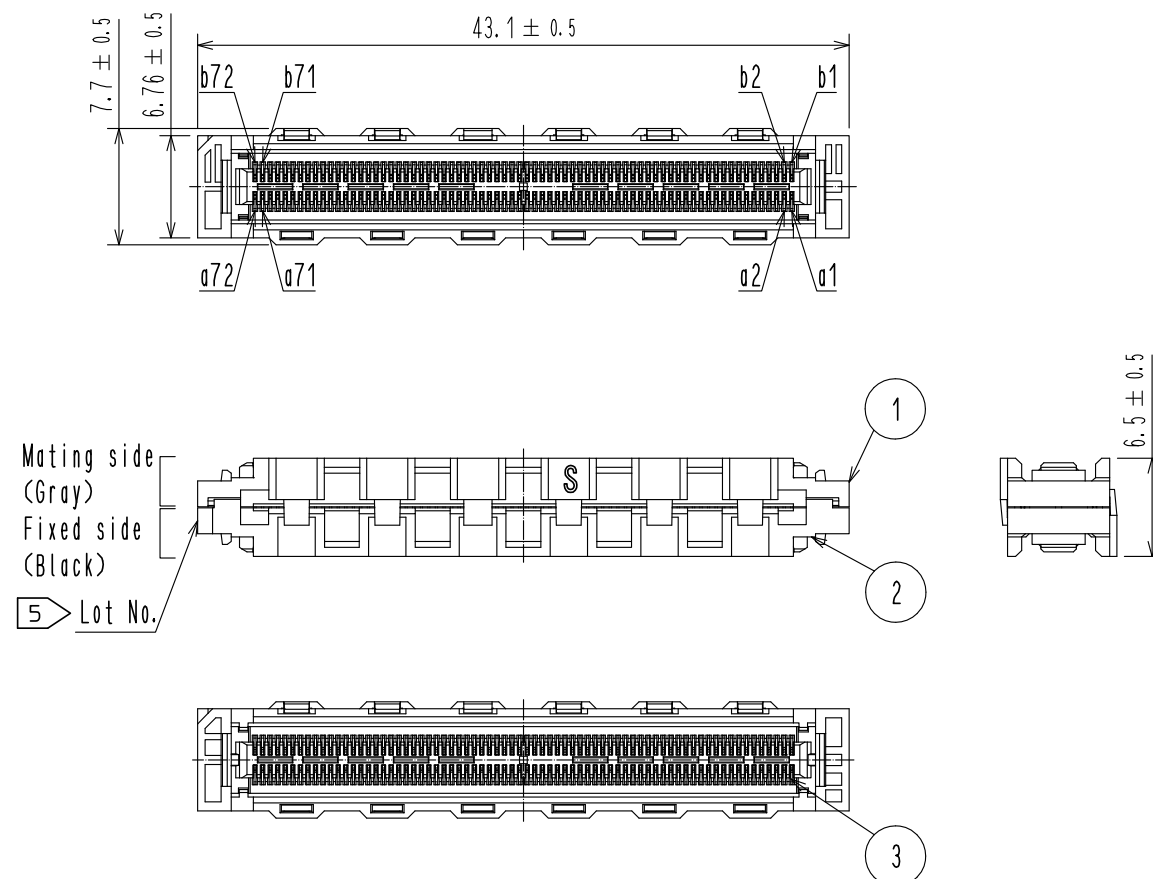


Table.1 Stacking height and connector combinations 1

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L)
8mm	FX10A-144P-SV(**)	FX10-144IP-8H(C03)	FX10A-144P-SV(**)	$8 \pm 0.127\text{mm}$
9mm	FX10A-144P-SV1(**)		FX10A-144P-SV(**)	$9 \pm 0.127\text{mm}$
10mm	FX10A-144P-SV1(**)		FX10A-144P-SV1(**)	$10 \pm 0.127\text{mm}$

Table.2 Pin configuration of Interposer ◀4

[illegible]

S: Signal

- 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 144 Single-ended 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.

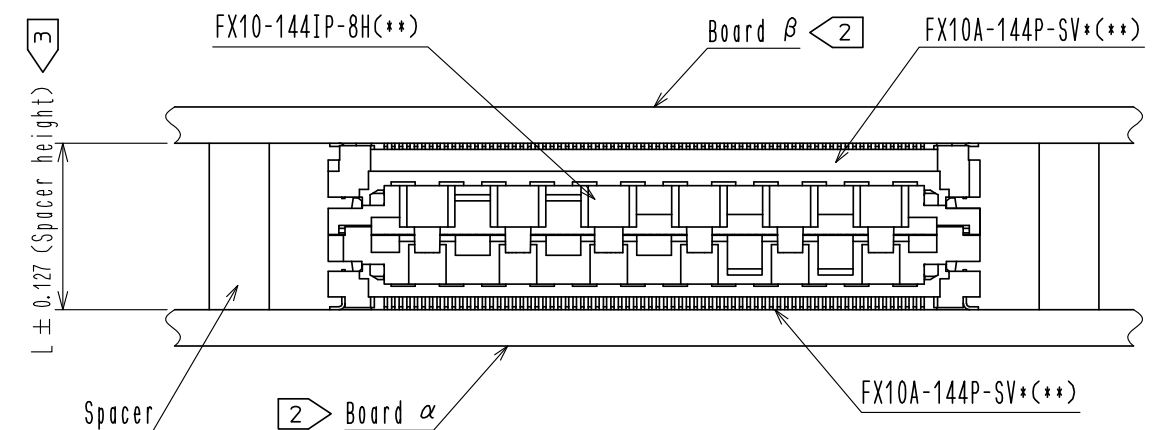


Fig.1 Recommended spacer height (Free)

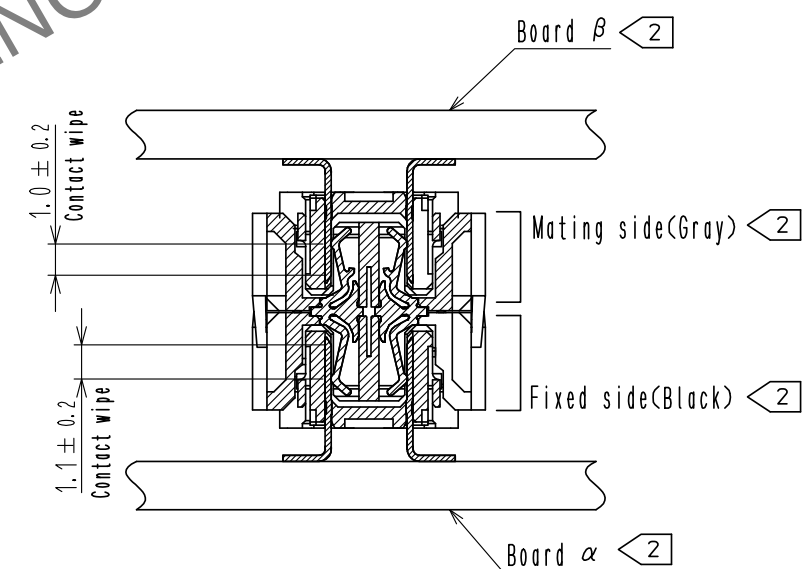
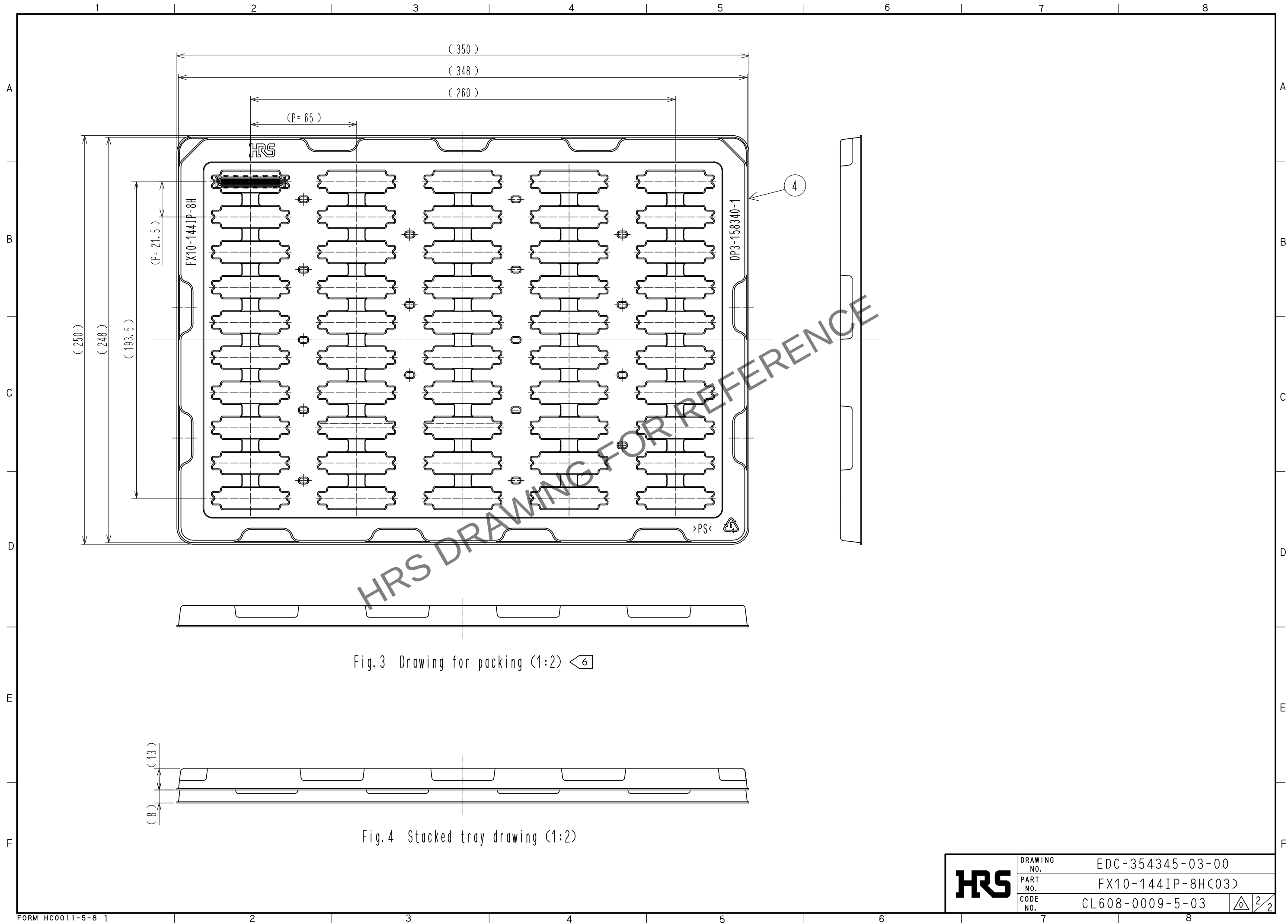


Fig.2 Mating cross section (Free)

2	LCP(Black)	UL94V-0	4	PS	(Tray)					
1	LCP(Gray)	UL94V-0	3	Copper Alloy	Ni1.5μm+Au0.76μm					
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS				
UNITS mm		SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
HR5 HIROSE ELECTRIC CO., LTD.		APPROVED : TM. MATSUO		17. 07. 25	DRAWING NO. EDC-354345-03-00					
		CHECKED : TM. MATSUO		17. 07. 25	PART NO. FX10-144IP-8H(03)					
		DESIGNED : AS. MATSUZAWA		17. 07. 25	CODE NO. CL608-0009-5-03					
		DRAWN : XINGYU CHENG		17. 07. 25						
					1/2					

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HRS	DRAWING NO.	EDC-354345-03-00	2
	PART NO.	FX10-144IP-8H(03)	
	CODE NO.	CL608-0009-5-03	