

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) ◁3
8mm	FX10A-120P-SV(**)	FX10-120IP-8H(03)	FX10A-120P-SV(**)	$8 \pm 0.127\text{mm}$
9mm	FX10A-120P-SV1(**)		FX10A-120P-SV(**)	$9 \pm 0.127\text{mm}$
10mm	FX10A-120P-SV1(**)		FX10A-120P-SV1(**)	$10 \pm 0.127\text{mm}$

Table.2 Pin configuration of Interposer ◁4

Row A Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60		
Pin configuration	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Row B Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60		
Pin configuration	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		

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 120 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.

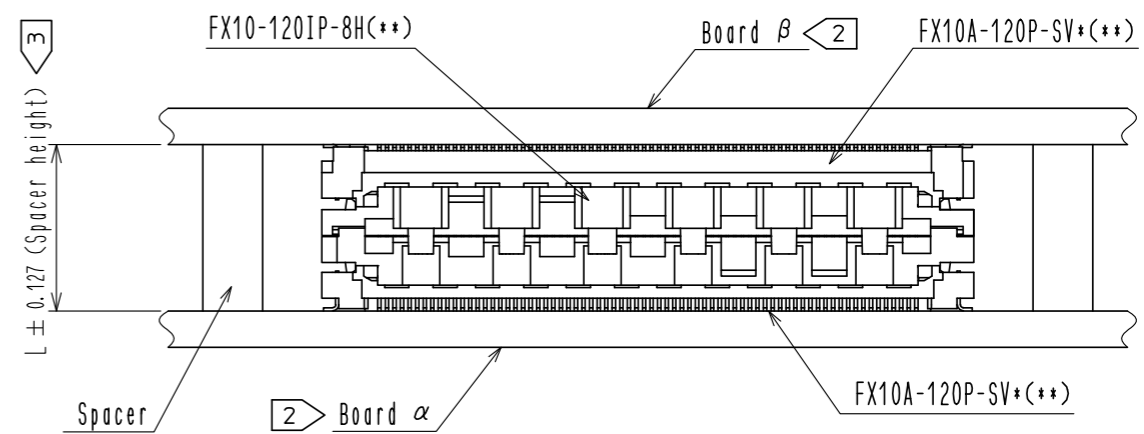


Fig.1 Recommended spacer height (Free)

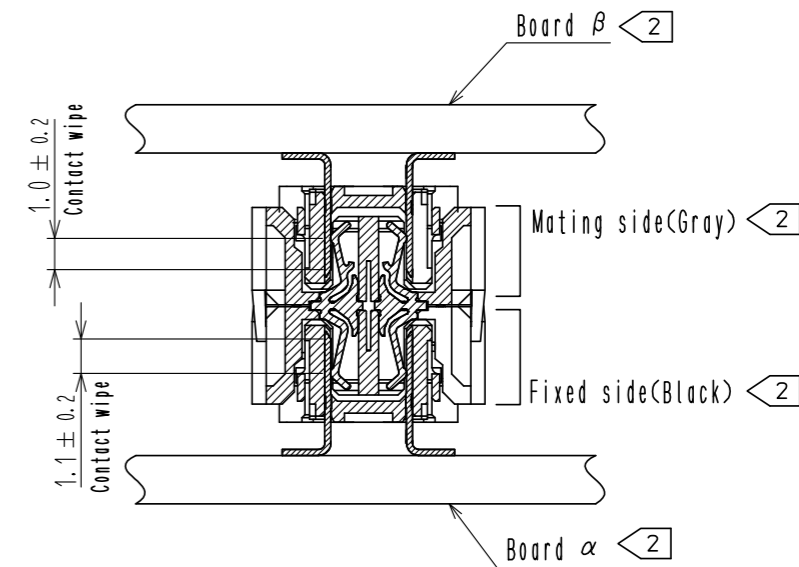
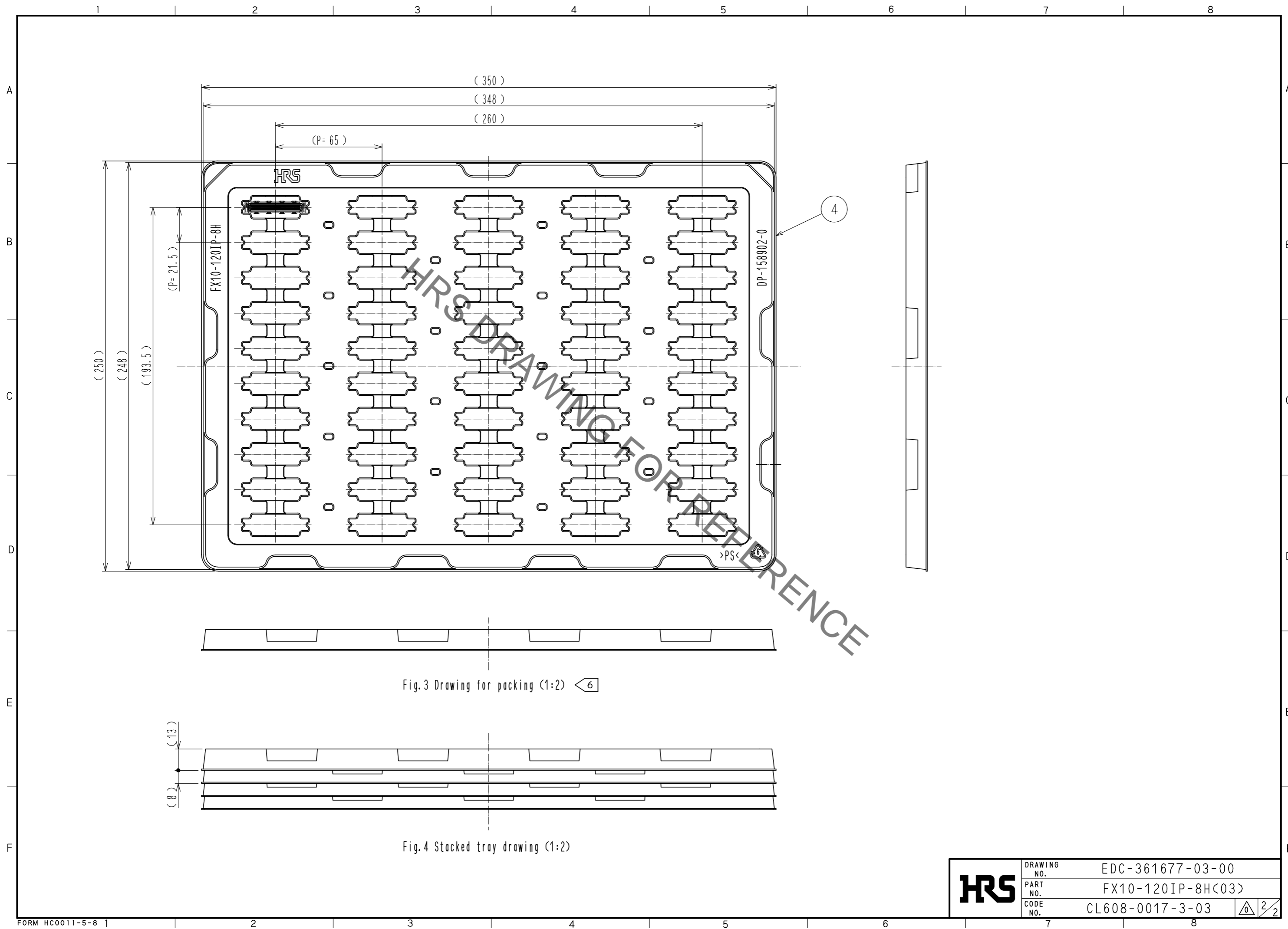


Fig.2 Mating cross section (Free)

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
HRS	HIROSE ELECTRIC CO., LTD.	APPROVED	TM. MATSUO	17.07.20	DRAWING NO.	EDC-361677-03-00				
		CHECKED	MK. EZAKI	17.07.20		PART NO.	FX10-120IP-8H(03)			
		DESIGNED	AS. MATSUZAWA	17.07.20			CODE NO.	CL608-0017-3-03		
		DRAWN	XINGYU CHENG	17.07.20		1/2				

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HRS	DRAWING NO.	EDC-361677-03-00
	PART NO.	FX10-120IP-8H(03)
	CODE NO.	CL608-0017-3-03

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