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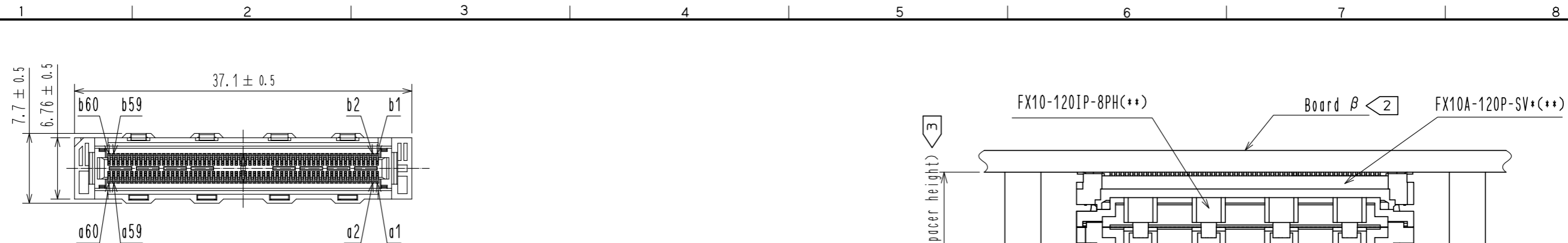


Fig.1 Recommended spacer height (Free)

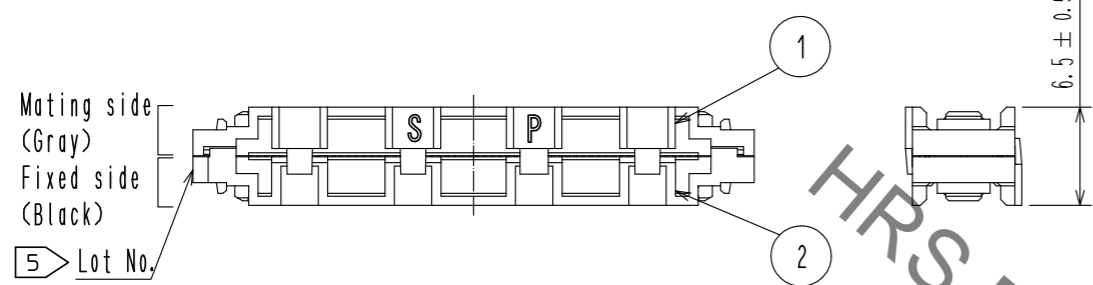


Fig.2 Mating cross section (Free)

Table.1 Stacking height and connector combinations ①

Board distance (Stacking height)	Header connector of Board $\alpha$	Interposer	Header connector of Board $\beta$	Recommended spacer height(L) ③
11mm	FX10A-120P-SV1(**)	FX10-120IP-8PH(03)	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

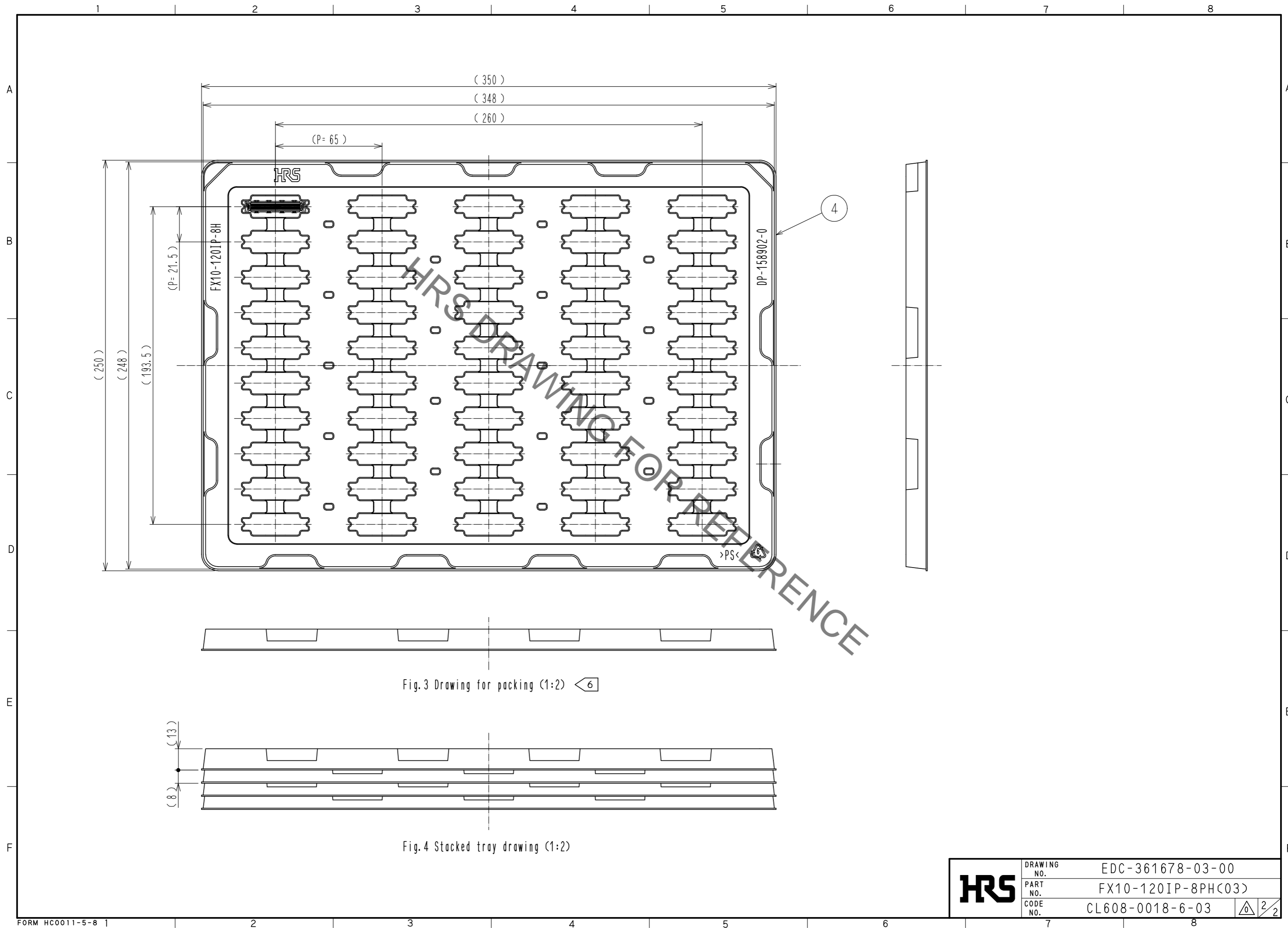
Row A Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
Pin configuration	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
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: 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  $\alpha$ .  
 Mating side (Gray side) should be mated with header mounted on board  $\beta$ .  
 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.

2	LCP(Black)	UL94V-0	4	PS	(Tray)			
1	LCP(Gray)	UL94V-0	3	Copper Alloy	Ni1.5 $\mu$ m+Au0.76 $\mu$ m			
NO.	MATERIAL	FINISH .	REMARKS	NO.	MATERIAL	FINISH .	REMARKS	
UNITS		SCALE	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
mm		2 : 1	$\Delta$					
<b>HRS</b>		HIROSE ELECTRIC CO., LTD.	APPROVED : TM. MATSUO	17.07.24	DRAWING NO.	EDC-361678-03-00		
			CHECKED : TM. MATSUO	17.07.24	PART NO.	FX10-120IP-8PH(03)		
			DESIGNED : AS. MATSUZAWA	17.07.24	CODE NO.	CL608-0018-6-03		
			DRAWN : XINGYU CHENG	17.07.24				$\Delta$ 1/2

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<b>HRS</b>	DRAWING NO.	EDC-361678-03-00
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