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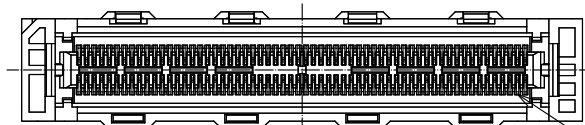
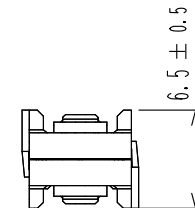
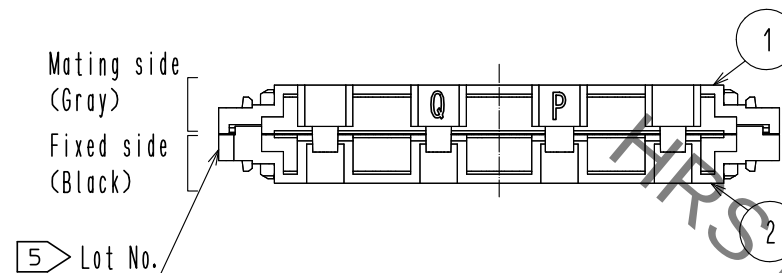
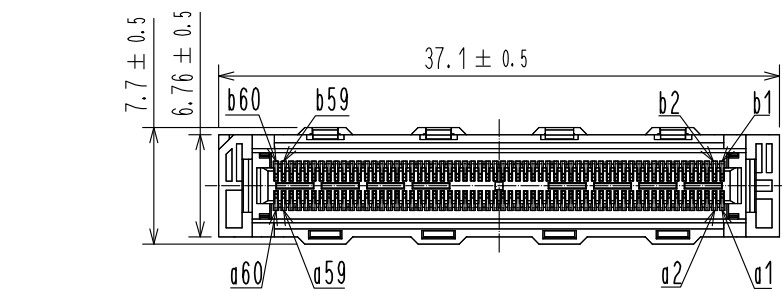


Table.1 Stacking height and connector combinations ◀ 1

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L) ◀ 3
11mm	FX10A-120P-SV1(**)	FX10-120IP-36Q-8PH(C03)	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	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	SE	SE	SE	SE	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2						
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	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	S	S	G1	SE	SE	SE	SE	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2	S	S	G2									

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 36 Differential pairs, 8 Single-ended lines and 40 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.

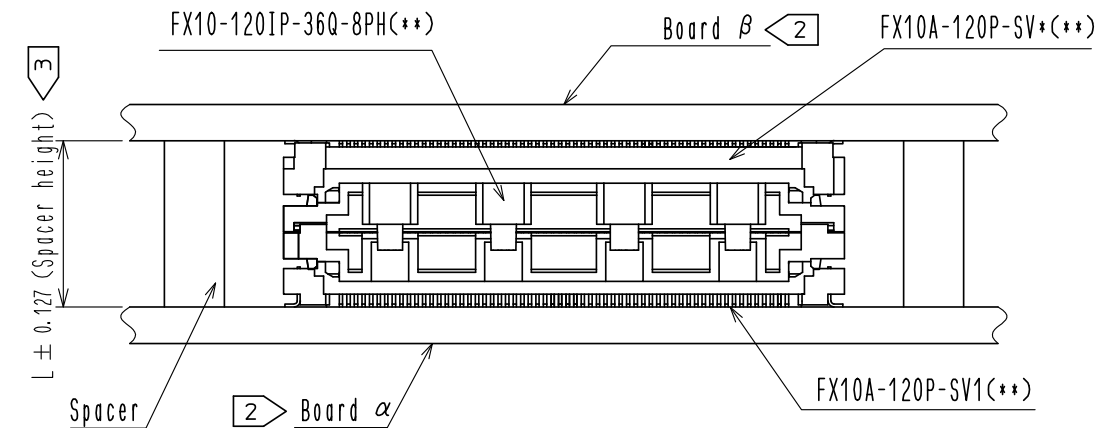


Fig.1 Recommended spacer height (Free)

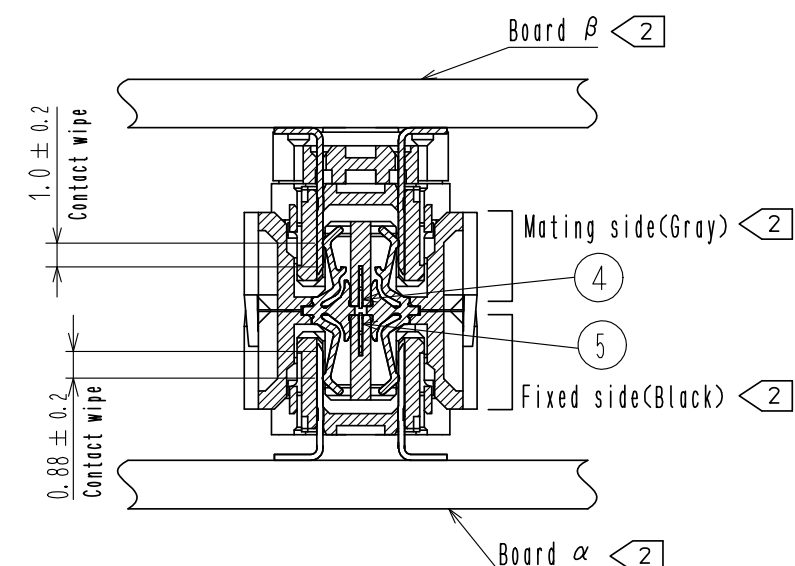
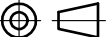


Fig.2 Mating cross section (Free)

3	Copper Alloy	Ni1.5μm+Au0.76μm	6	PS	(Tray)							
2	LCP(Black)	UL94V-0	5	Copper Alloy	Ni1μm							
1	LCP(Gray)	UL94V-0	4	Copper Alloy	Ni1μm							
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-361676-03-00				
		CHECKED : MK. EZAKI		17.07.14		PART NO.		FX10-120IP-36Q-8PH(C03)				
		DESIGNED : AS. MATSUZAWA		17.07.14		CODE NO.		CL608-0016-0-03				
		DRAWN : XINGYU CHENG		17.07.14								
 1/2												

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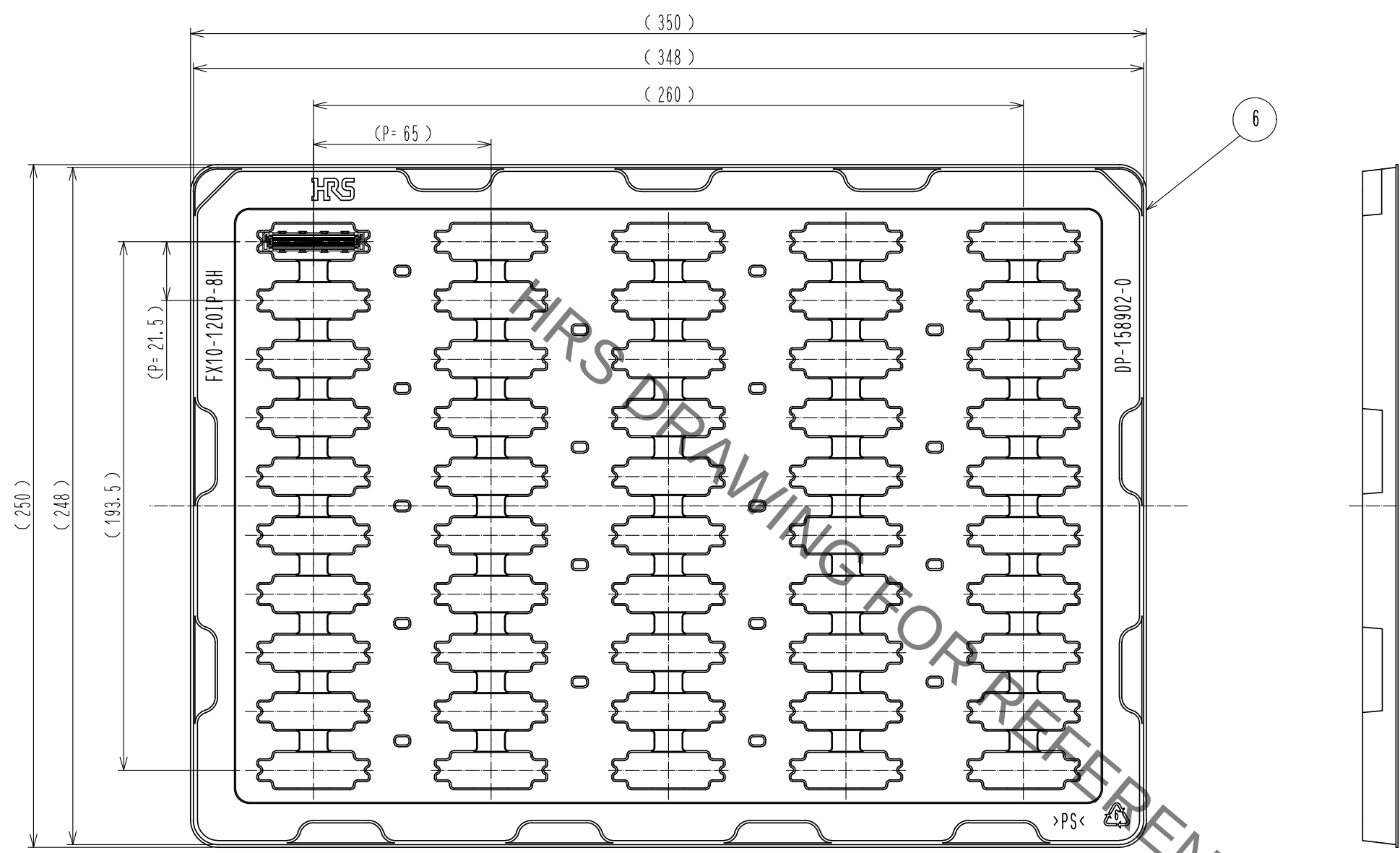


Fig.3 Drawing for packing (1:2) 6

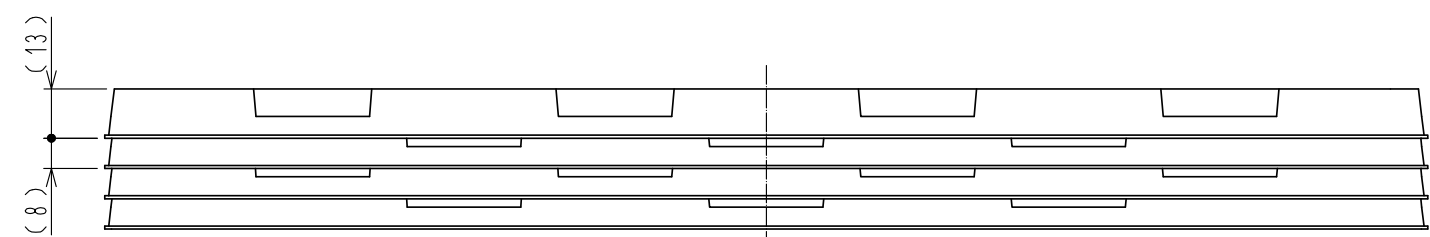


Fig.4 Stacked tray drawing (1:2)

HRS	DRAWING NO.	EDC-361676-03-00		2/2
	PART NO.	FX10-120IP-36Q-8PH(03)		
	CODE NO.	CL608-0016-0-03		

Mouser Electronics

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