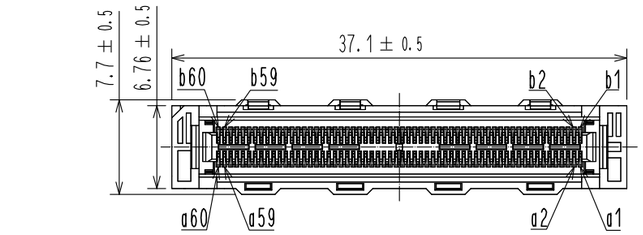
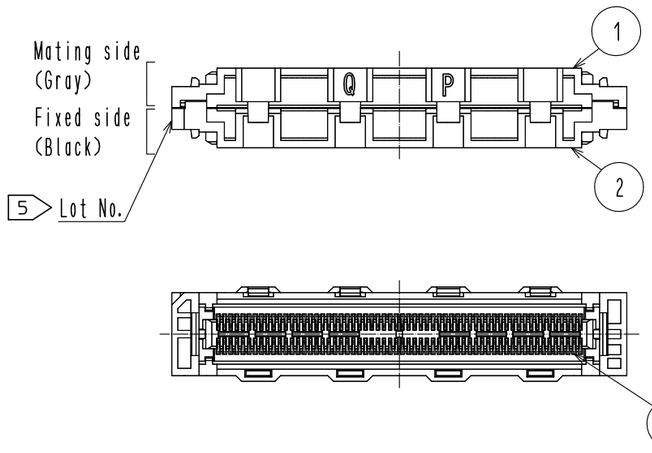
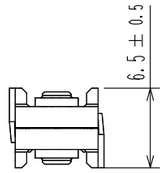
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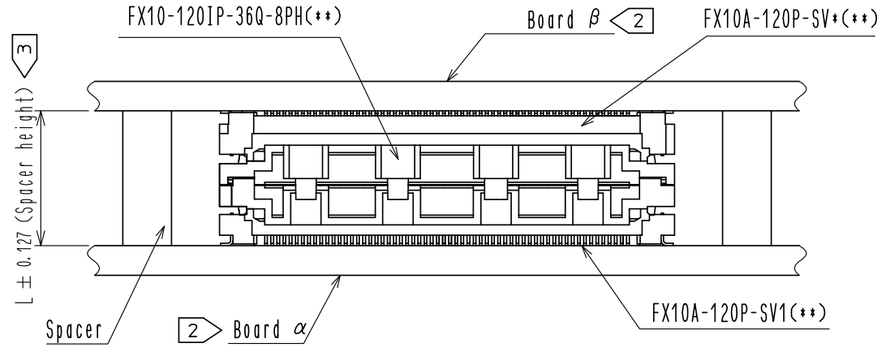


Fig.1 Recommended spacer height (Free)

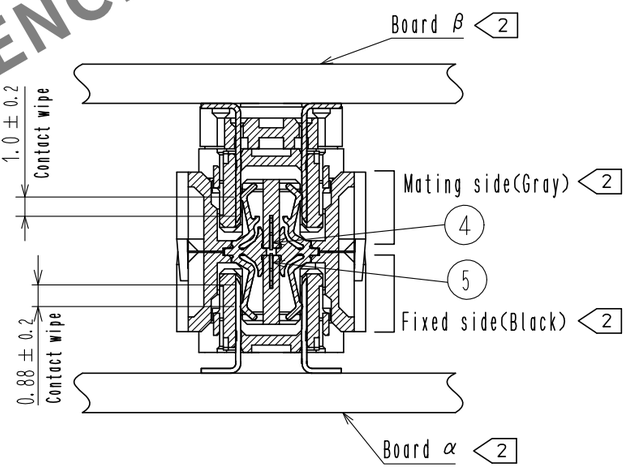


Fig.2 Mating cross section (Free)

FOR REFERENCE
HRS DRAWING

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(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	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	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	S	G2	S	S	G2	S	S	G2	S	S	G2

S: Signal for Differential SE: Siganal 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.

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
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

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	0				

HIROSE ELECTRIC CO., LTD.

APPROVED	TM. MATSUO	17. 07. 19
CHECKED	MK. EZAKI	17. 07. 14
DESIGNED	AS. MATSUZAWA	17. 07. 14
DRAWN	XINGYU CHENG	17. 07. 14

DRAWING NO. EDC-361676-03-00
PART NO. FX10-120IP-36Q-8PH(03)
CODE NO. CL608-0016-0-03 0 1/2

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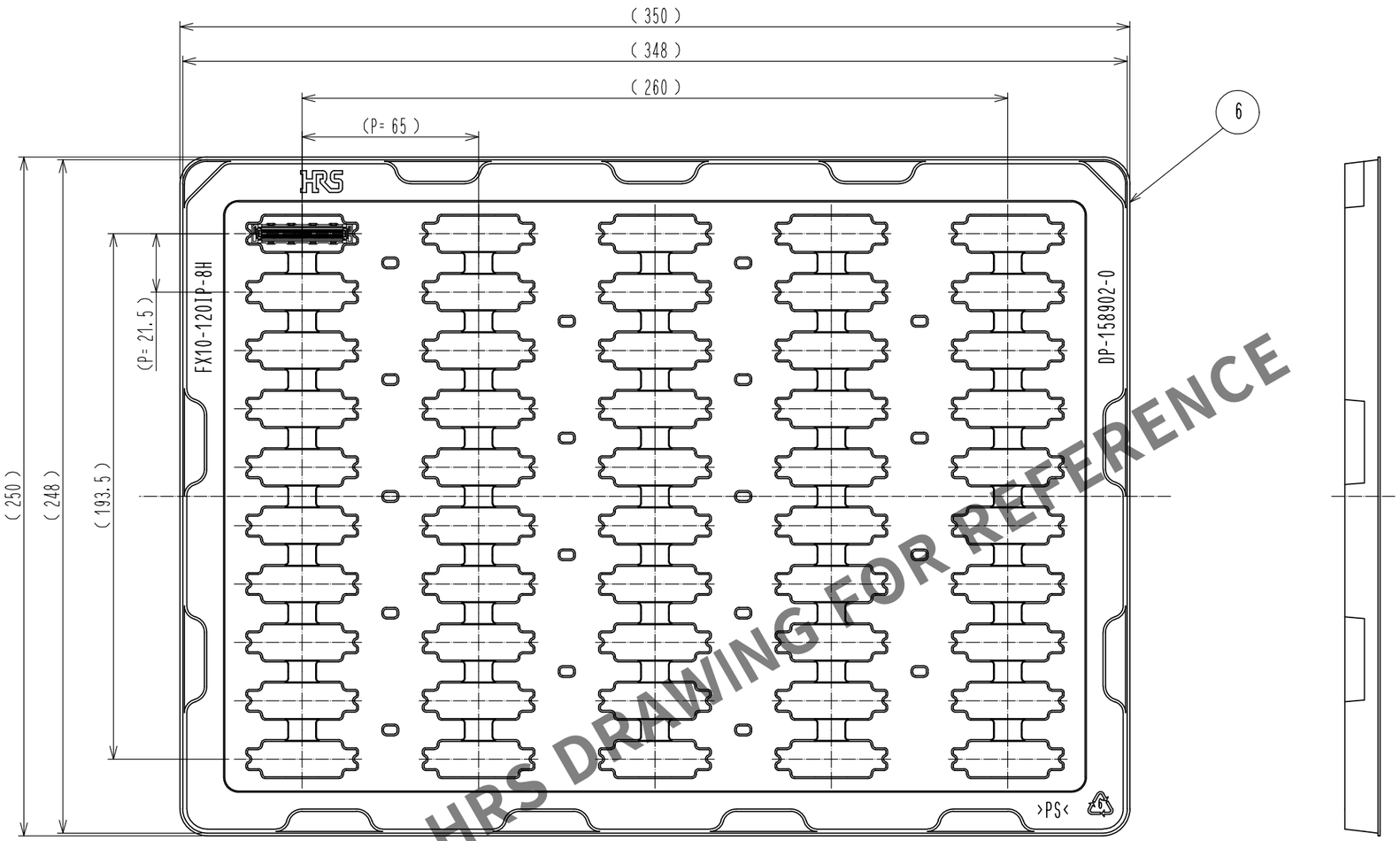




Fig. 3 Drawing for packing (1:2) 6

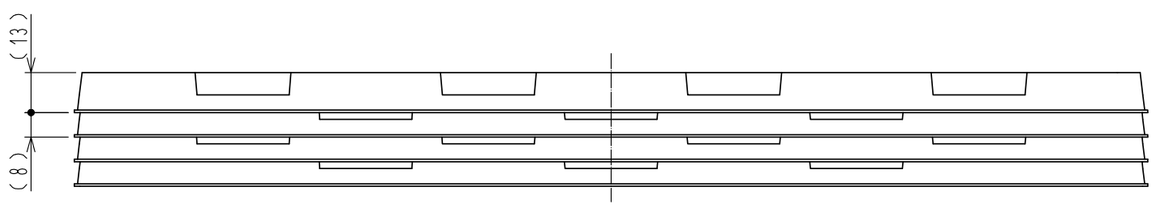


Fig. 4 Stacked tray drawing (1:2)

HRS DRAWING FOR REFERENCE

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