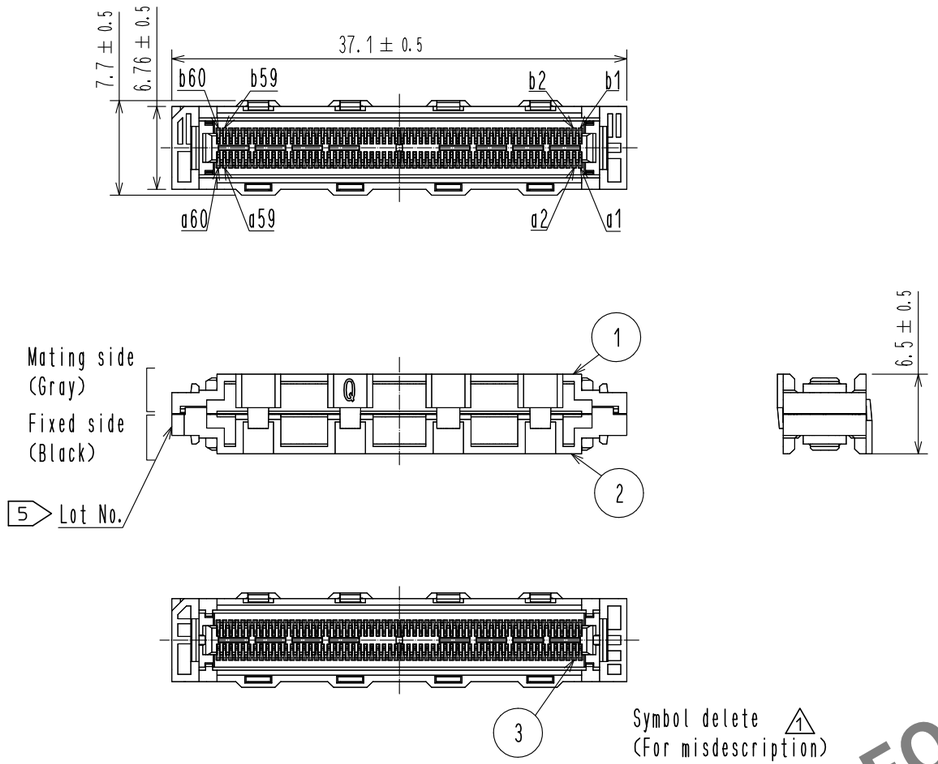
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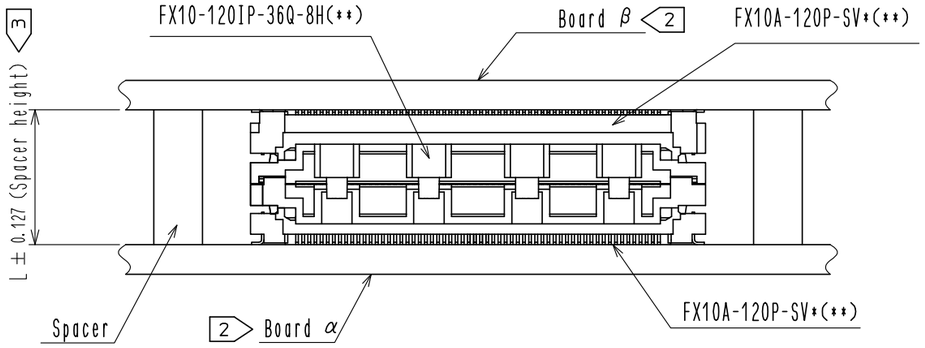


Fig.1 Recommended spacer height (Free)

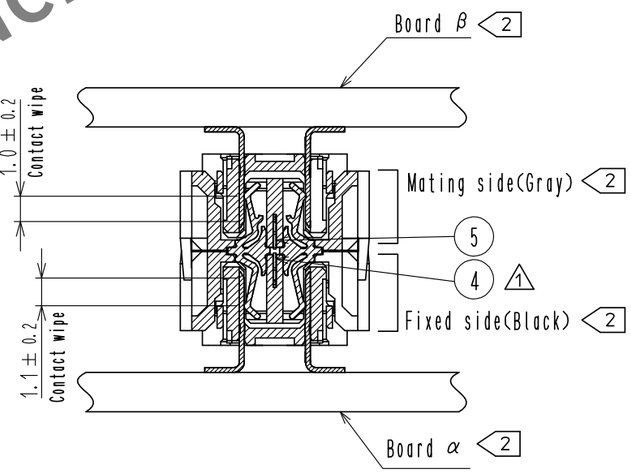


Fig.2 Mating cross section (Free)

Table.1 Stacking height and connector combinations 1

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L) 3
8mm	FX10A-120P-SV(**)	FX10-120IP-36Q-8H(03)	FX10A-120P-SV(**)	8±0.127mm
9mm	FX10A-120P-SV1(**)		FX10A-120P-SV(**)	9±0.127mm
10mm	FX10A-120P-SV1(**)		FX10A-120P-SV1(**)	10±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 1

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	1	3	DIS-F-00002513	AS. MATSUZAWA	MK. EZAKI	17.07.14

HIROSE ELECTRIC CO., LTD.

APPROVED	TM. MATSUO	17.07.04
CHECKED	MK. EZAKI	17.07.04
DESIGNED	AS. MATSUZAWA	17.07.04
DRAWN	XINGYU CHENG	17.07.04

DRAWING NO.	EDC-361675-03-00
PART NO.	FX10-120IP-36Q-8H(03)
CODE NO.	CL608-0015-8-03 1/2

HRS DRAWING FOR REFERENCE

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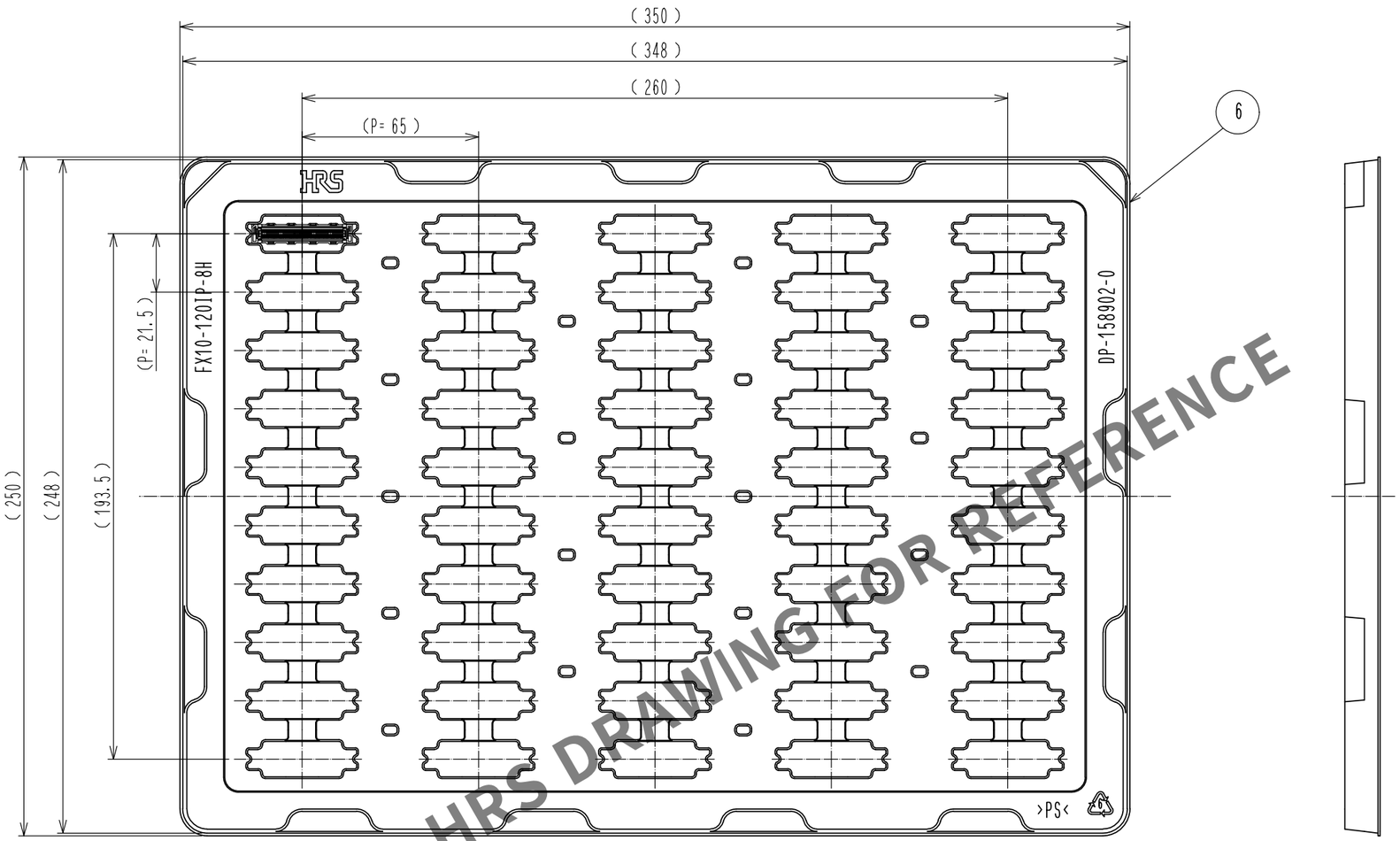




Fig. 3 Drawing for packing (1:2) 6

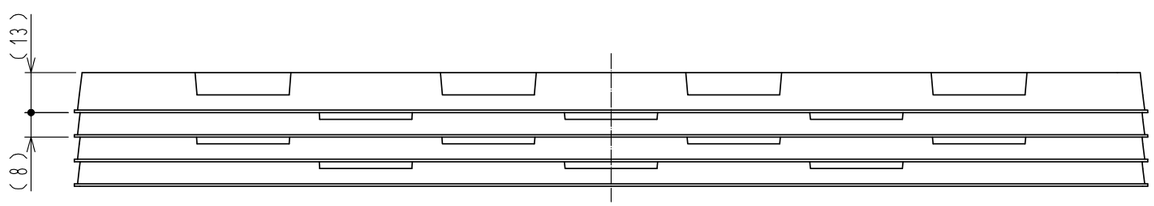


Fig. 4 Stacked tray drawing (1:2)

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-361675-03-00
	PART NO.	FX10-120IP-36Q-8H(03)
	CODE NO.	CL608-0015-8-03