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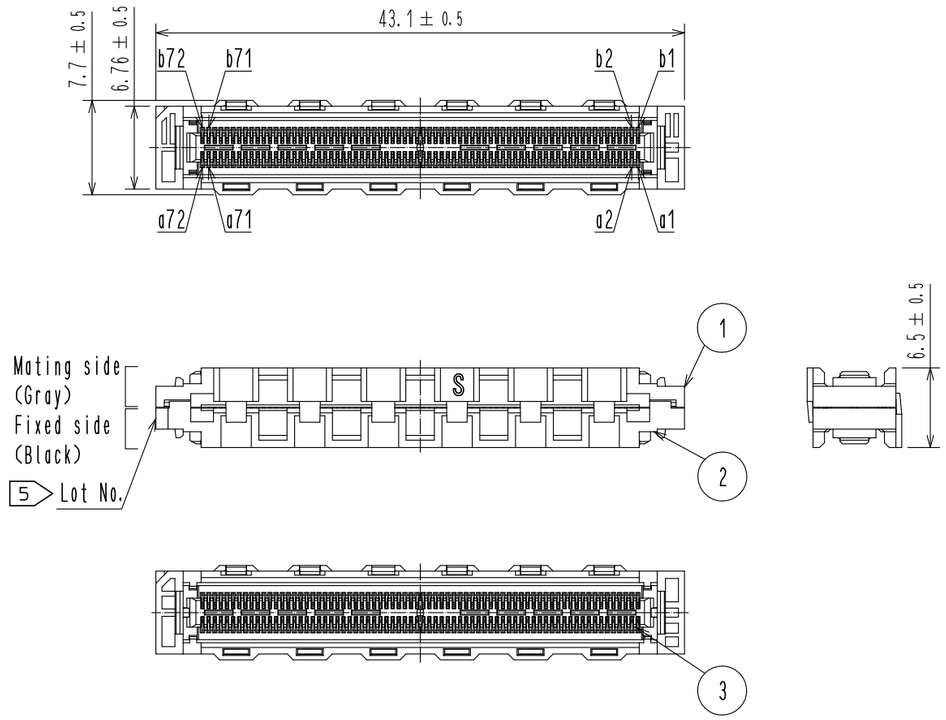

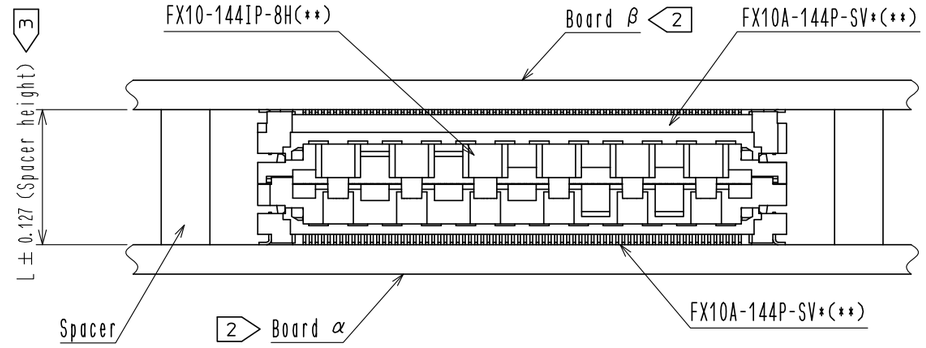

Fig.1 Recommended spacer height (Free)

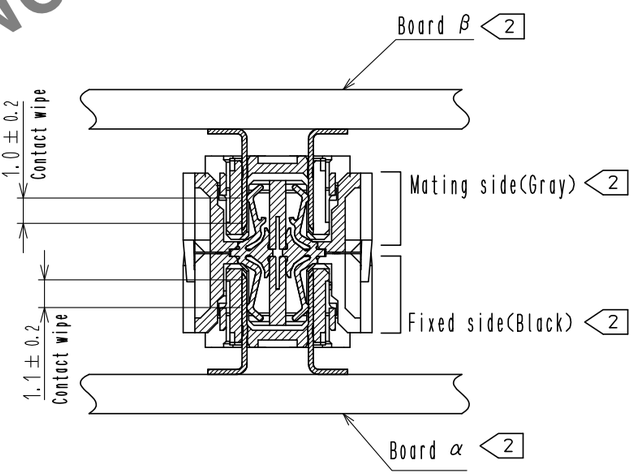

Fig.2 Mating cross section (Free)

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-144P-SV(**)	FX10-144IP-8H(03)	FX10A-144P-SV(**)	8±0.127mm
9mm	FX10A-144P-SV1(**)		FX10A-144P-SV(**)	9±0.127mm
10mm	FX10A-144P-SV1(**)		FX10A-144P-SV1(**)	10±0.127mm

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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	61	62	63	64	65	66	67	68	69	70	71	72
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	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	61	62	63	64	65	66	67	68	69	70	71	72
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	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 144 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.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	LCP(Black)	UL94V-0	4	PS	(Tray)
1	LCP(Gray)	UL94V-0	3	Copper Alloy	Ni1.5μm+Au0.76μm

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

HIROSE ELECTRIC CO., LTD.

APPROVED	TM. MATSUO	17. 07. 25	DRAWING NO. EDC-354345-03-00
CHECKED	TM. MATSUO	17. 07. 25	PART NO. FX10-144IP-8H(03)
DESIGNED	AS. MATSUZAWA	17. 07. 25	CODE NO. CL608-0009-5-03 △0 1/2
DRAWN	XINGYU CHENG	17. 07. 25	

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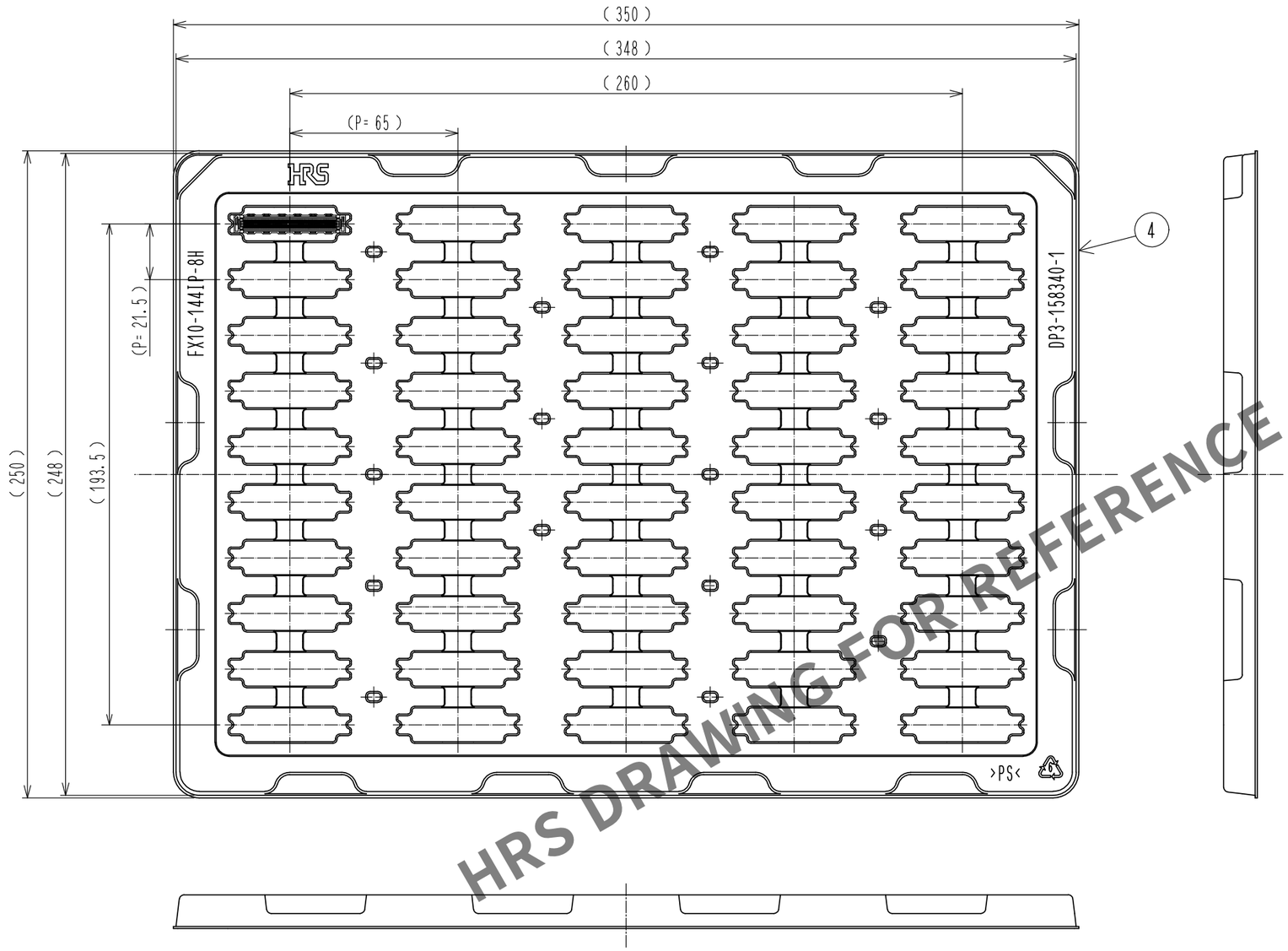

Fig.3 Drawing for packing (1:2) <6>

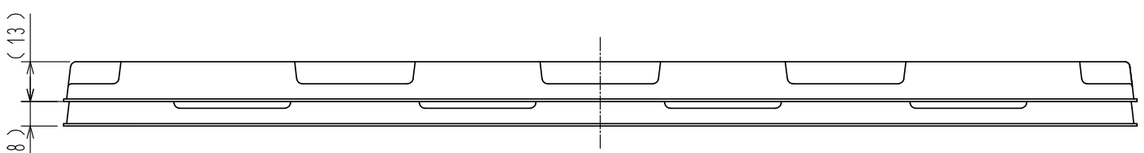

Fig.4 Stacked tray drawing (1:2)

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-354345-03-00
	PART NO.	FX10-144IP-8H(03)
	CODE NO.	CL608-0009-5-03 △0 2/2