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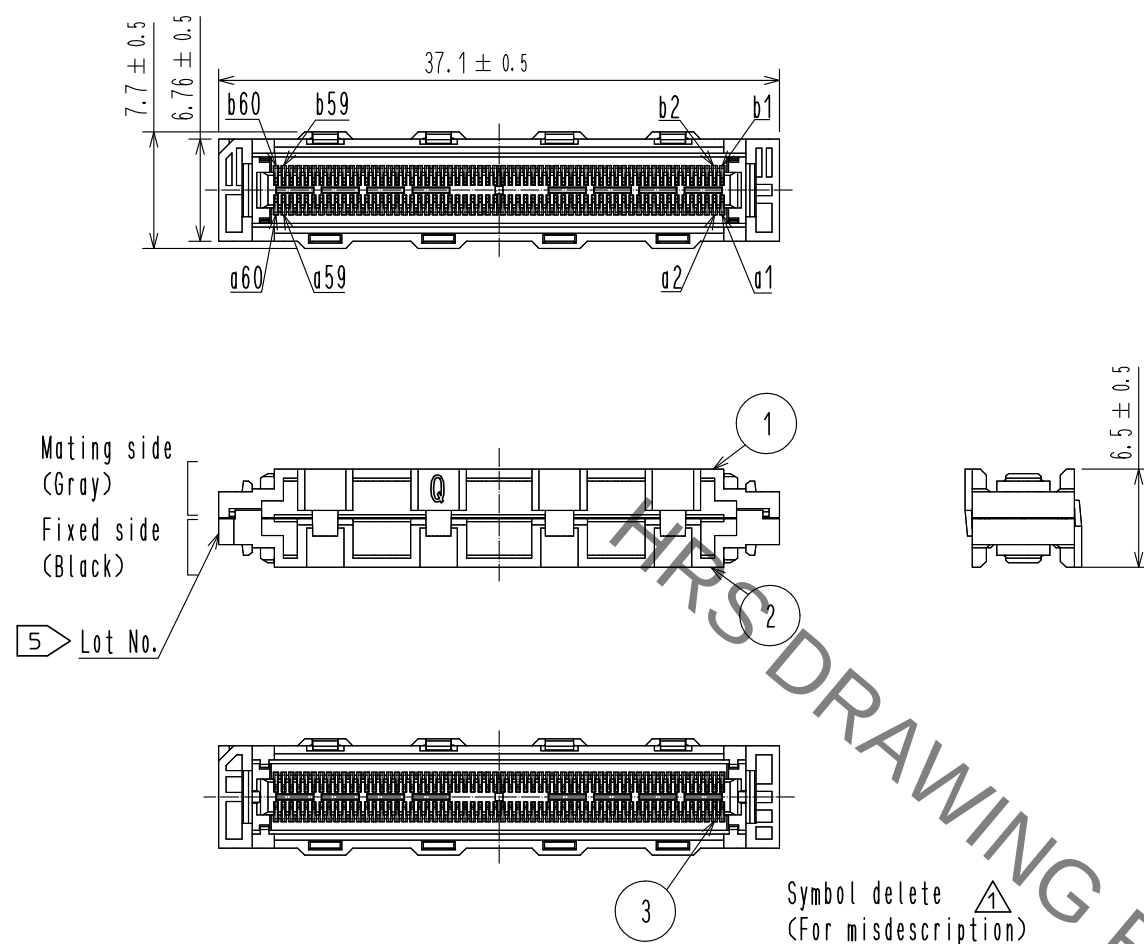


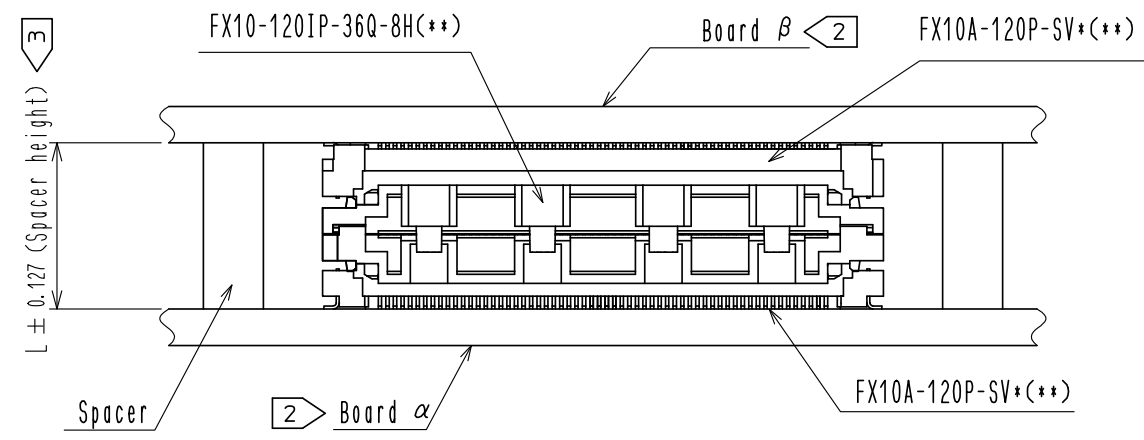
Table.1 Stacking height and connector combinations (1)

Board distance (Stacking height)	Header connector of Board α	Interposer	Header connector of Board β	Recommended spacer height(L) (3)
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						
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.

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)		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 2 : 1	COUNT 3	DESCRIPTION OF REVISIONS DIS-F-00002513	DESIGNED AS. MATSUZAWA	CHECKED MK. EZAKI	DATE 17. 07. 14
		APPROVED : TM. MATSUO 17. 07. 04		DRAWING NO. EDC-361675-03-00			
HIROSE ELECTRIC CO., LTD.		CHECKED : MK. EZAKI 17. 07. 04		PART NO. FX10-120IP-36Q-8H(03)			
		DESIGNED : AS. MATSUZAWA 17. 07. 04		CODE NO. CL608-0015-8-03 (1) 1/2			
		DRAWN : XINGYU CHENG 17. 07. 04					

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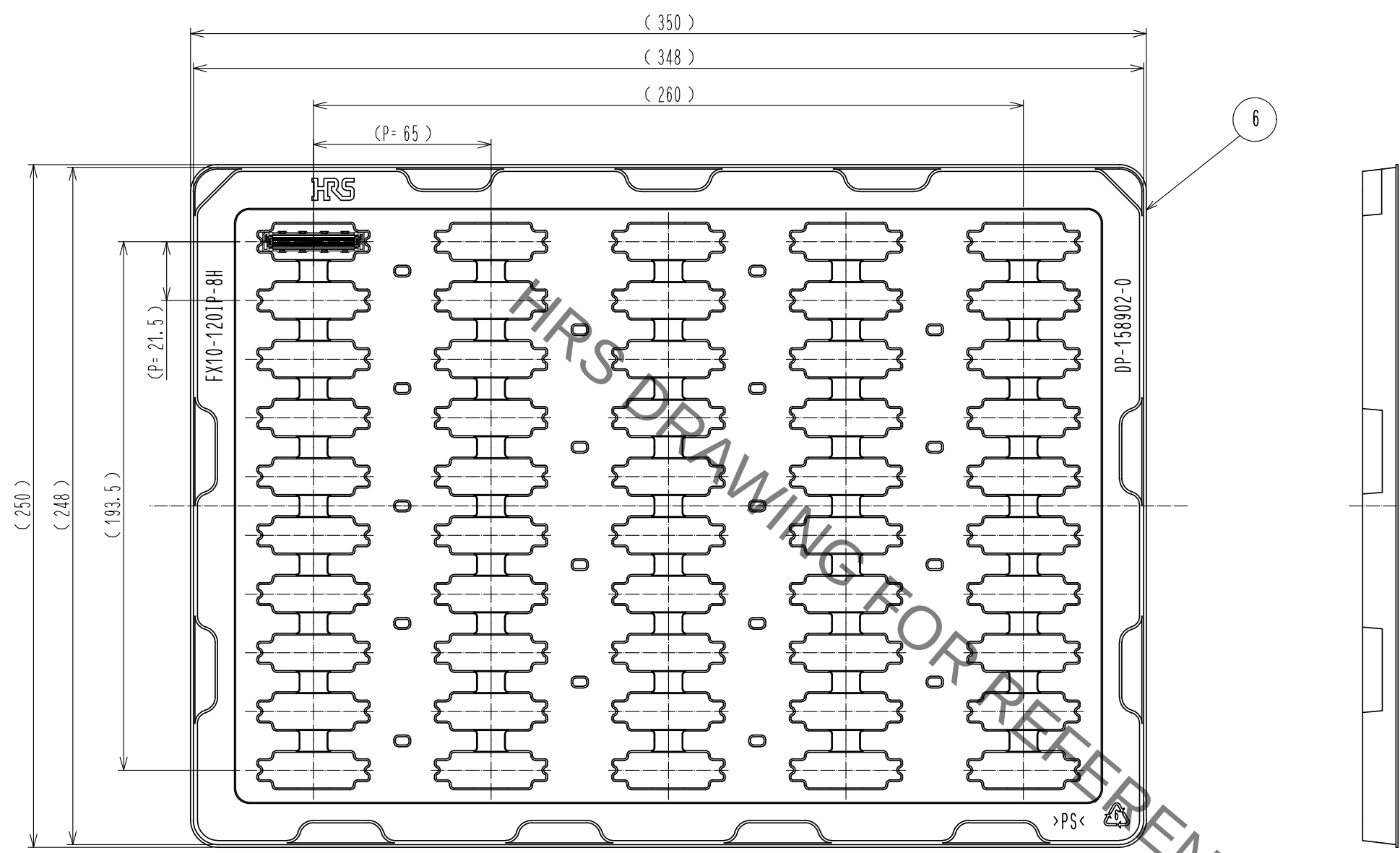


Fig.3 Drawing for packing (1:2) 6

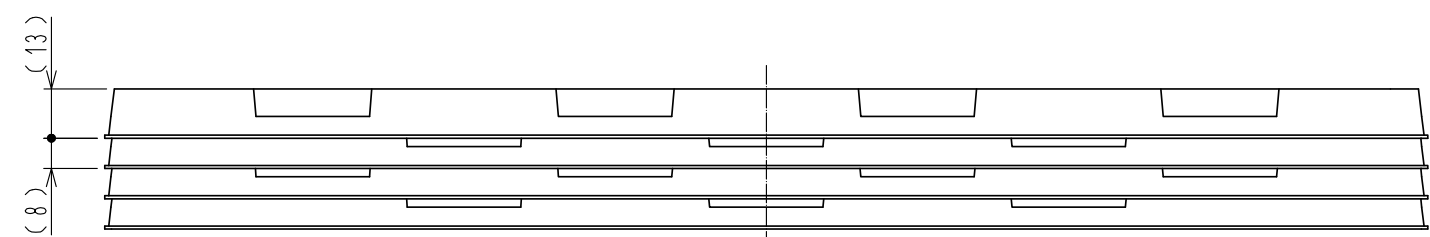


Fig.4 Stacked tray drawing (1:2)

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

Mouser Electronics

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