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)
8mm	FX10A-144P-SV(**)	FX10-144IP-44Q-8H(C03)	FX10A-144P-SV(**)	$8 \pm 0.127\text{mm}$
9mm	FX10A-144P-SV1(**)		FX10A-144P-SV(**)	$9 \pm 0.127\text{mm}$
10mm	FX10A-144P-SV1(**)		FX10A-144P-SV1(**)	$10 \pm 0.127\text{mm}$

Table.2 Pin configuration of Interposer ◀4

[illegible]

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 44 Differential pairs, 8 Single-ended lines and 48 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	Ni1.5 μ m+Au0.76 μ m	6	PS	(Tray)
2	LCP(Black)	UL94V-0	5	Copper Alloy	Ni1 μ m
1	LCP(Gray)	UL94V-0	4	Copper Alloy	Ni1 μ m
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 2 : 1	COUNT 9	DESCRIPTION OF REVISIONS DIS-F-00002513	DESIGNED AS. MATSUZAWA	CHECKED MK. EZAKI	DATE 17. 07. 14
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 HIROSE ELECTRIC CO., LTD.	APPROVED +MK. EZAKI	16. 03. 25	DRAWING NO.	EDC-354344-03-03	
	CHECKED +MK. EZAKI	16. 03. 25	PART NO.	FX10-144IP-44Q-8H(C03)	
	DESIGNED +MK. NAGATA	16. 03. 25	CODE NO.	CL608-0008-2-03	
	DRAWN +MK. NAGATA	16. 03. 25			

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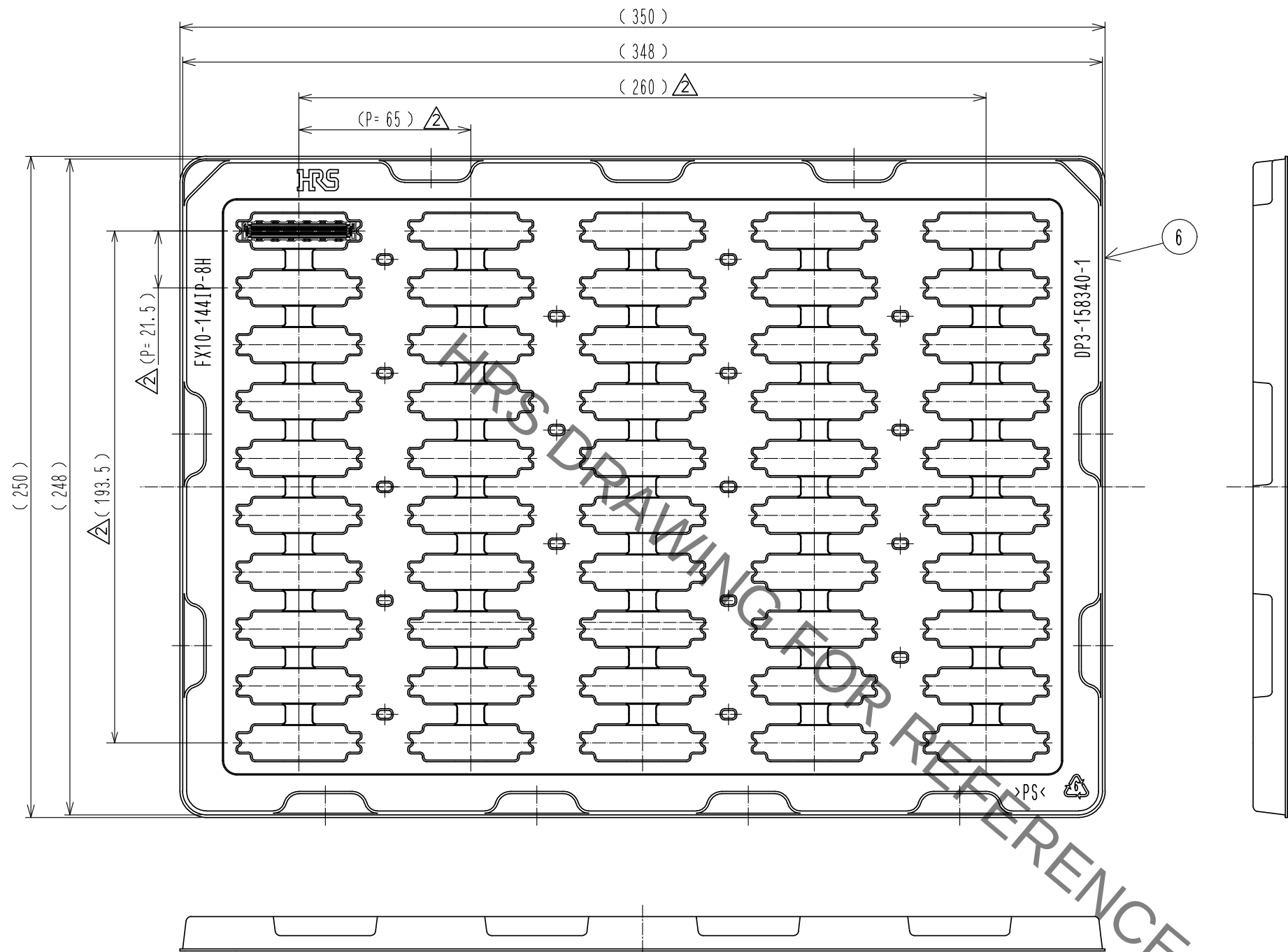


Fig.3 Drawing for packing (1:2) 6

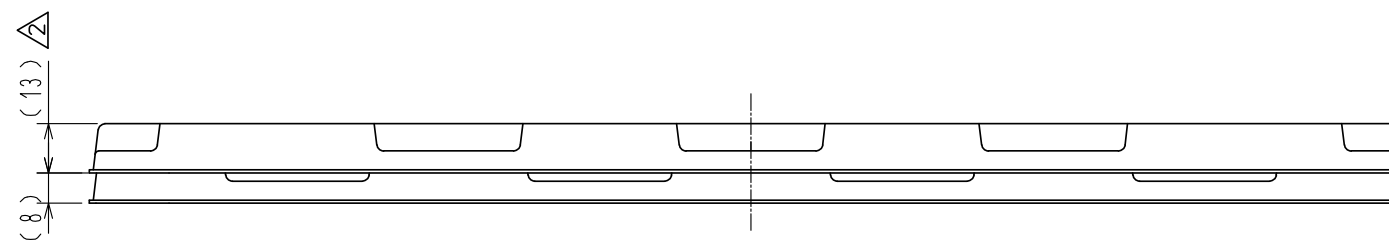


Fig.4 Stacked tray drawing (1:2)

HRS	DRAWING NO.	EDC-354344-03-03		
	PART NO.	FX10-144IP-44Q-8H<03>		
	CODE NO.	CL608-0008-2-03	2	2

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