



1

Header connector of Board	Header connector of Board	Recommended spacer height(L)
FX10A-144P-SV2(**)	11±0.127mm	
FX10A-144P-SV3(**)	12±0.127mm	
FX10A-144P-SV4(**)	13±0.127mm	

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.

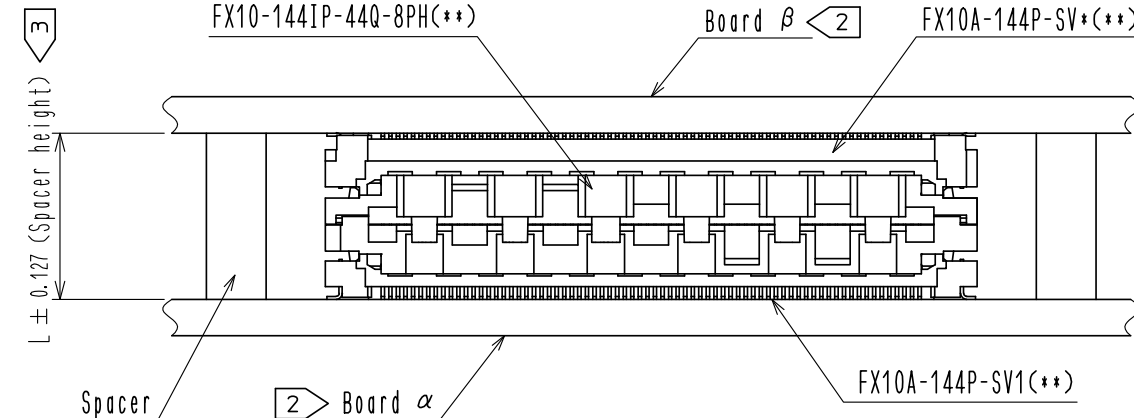


Fig.1 Recommended spacer height (Free)

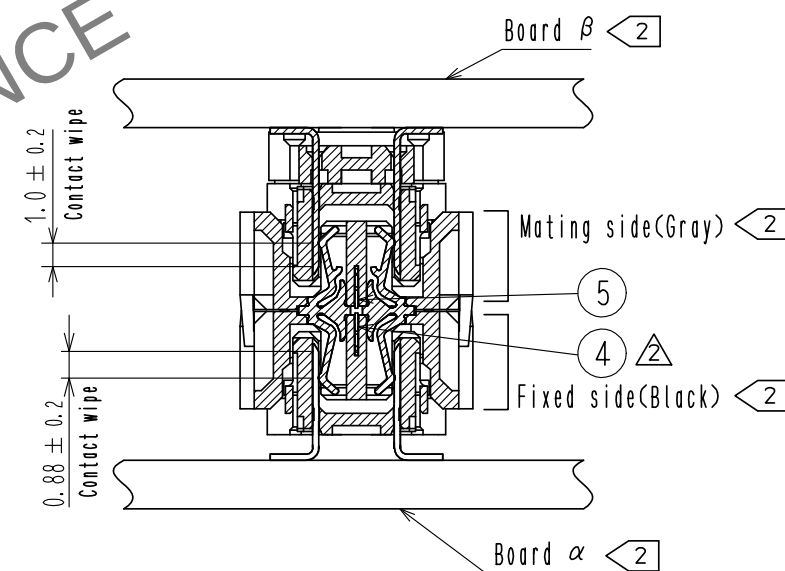
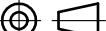
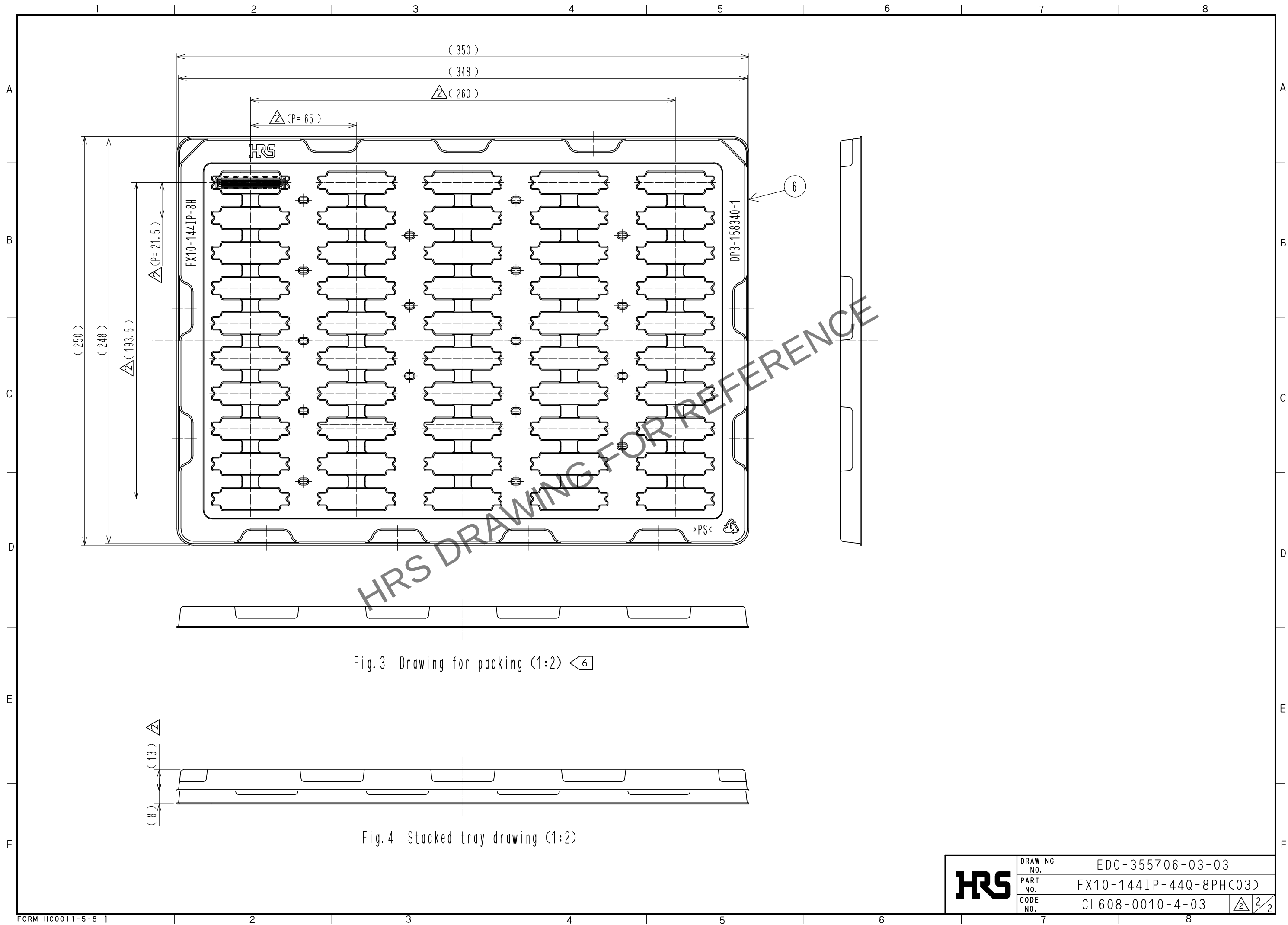


Fig.2 Mating cross section (Free)

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
 HIROSE ELECTRIC CO., LTD.	APPROVED : MK. EZAKI	16. 02. 25	DRAWING NO. EDC-355706-03-03					
	CHECKED : MK. EZAKI	16. 02. 25	PART NO. FX10-144IP-44Q-8PH(03)					
	DESIGNED : TS. OSHIDA	16. 02. 25	CODE NO. CL608-0010-4-03					
	DRAWN : TS. OSHIDA	16. 02. 25	 					



HRS	DRAWING NO.	EDC-355706-03-03		
	PART NO.	FX10-144IP-44Q-8PH(03)		
	CODE NO.	CL608-0010-4-03		