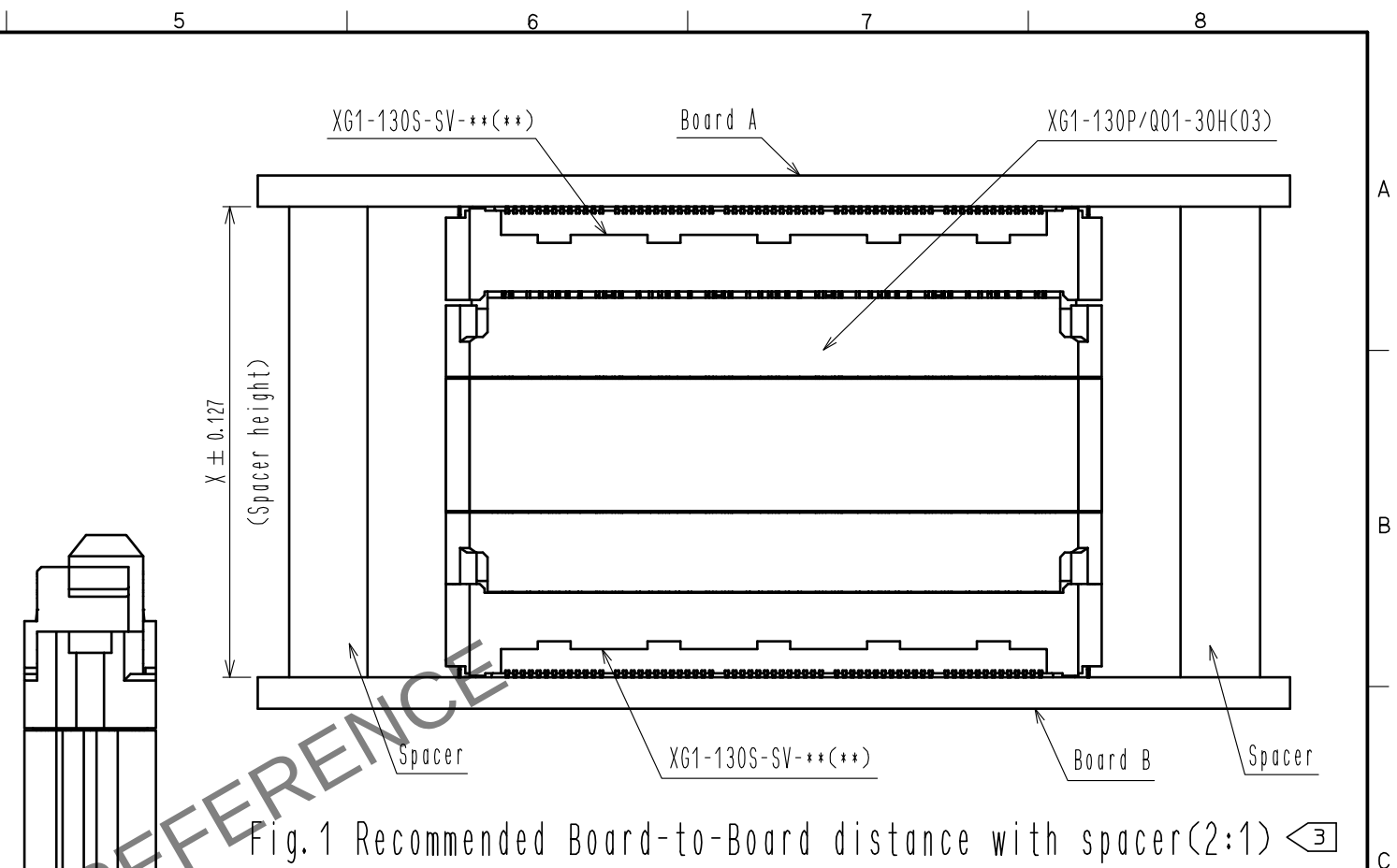
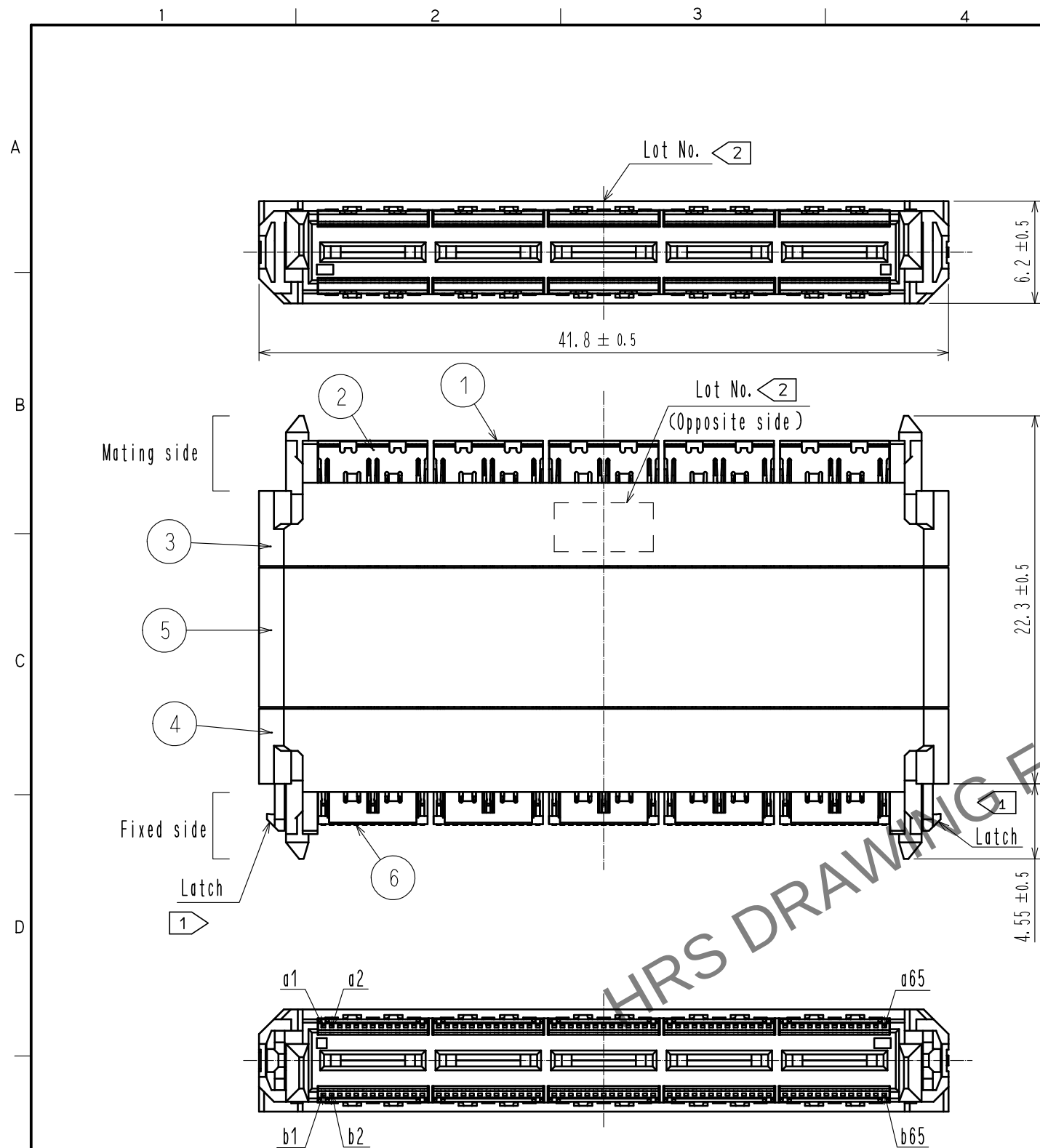


May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



Spacer height (X)	Interposer	Receptacle 1	Receptacle 2	Spacer height (X)
30	XG1-130P/Q01-30H(03)	XG1-130S-SV(2:1)	XG1-130S-SV(2:1)	30
32			XG1-130S-SV-2H(2:1)	32
33			XG1-130S-SV-3H(2:1)	33
34		XG1-130S-SV-2H(2:1)	XG1-130S-SV-2H(2:1)	34
35			XG1-130S-SV-3H(2:1)	35
36			XG1-130S-SV-3H(2:1)	36

- Note.
- 1 Mounting side is mated with the receptacle : XG1-130S-SV-**(2:1) and fixed with the latch.
 - 2 Lot No. shall be marked on the indicated position.
 - 3 The indicated board A and B shall be fastened to the additional reinforcements to prevent the stress on XG1-130S-SV-**(2:1) solder joints.
 - 4 This product consists of 100 signal lines. 30 ground lines. Pin assignment is shown in Table1.2.
 - 5 42pcs of this products are packed in a soft tray. See Fig.5 for details.

4	PA	BLACK	UL94V-0	7	PS	(TRAY)
3	PA	BEIGE	UL94V-0	6	COPPER ALLOY	CONTACT AREA :NiP1.5μm + AuP0.76μm
2	COPPER ALLOY	NiP1μm + AuP0.03μm				OTHER :NiP1.5μm + AuP0.03μm
1	LCP	BLACK	UL94V-0	5	PA	BLACK
NO.		MATERIAL		FINISH . REMARKS		
UNITS		SCALE		COUNT		DESCRIPTION OF REVISIONS
mm		3 : 1		△		DESIGNED
HRS		HIROSE ELECTRIC CO., LTD.		APPROVED :MK. EZAKI		17.03.02
				CHECKED :MK. EZAKI		17.03.02
				DESIGNED :TF. SUGAWARA		17.03.02
				DRAWN :TF. SUGAWARA		17.03.02
				DRAWING NO.		EDC-348346-03-00
				PART NO.		XG1-130P/Q01-30H(03)
				CODE NO.		CL624-0623-2-03
						1/3

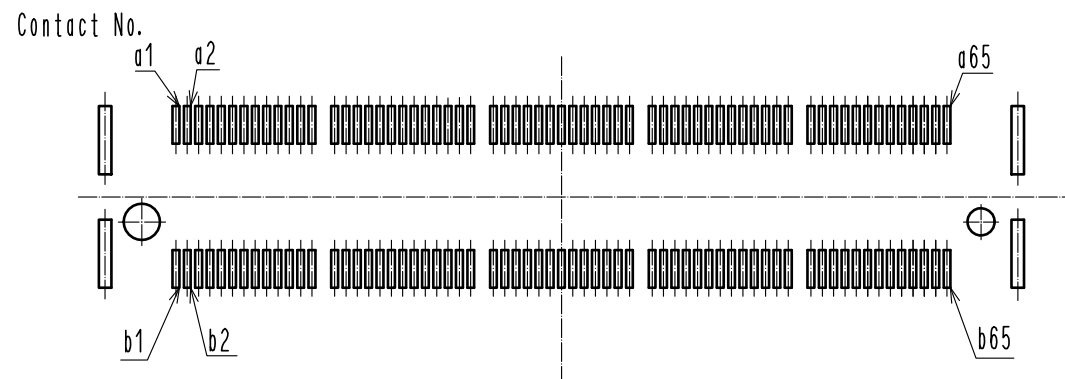


Fig. 3 Land pattern for XG1-130S-SV-**(**) (Free)

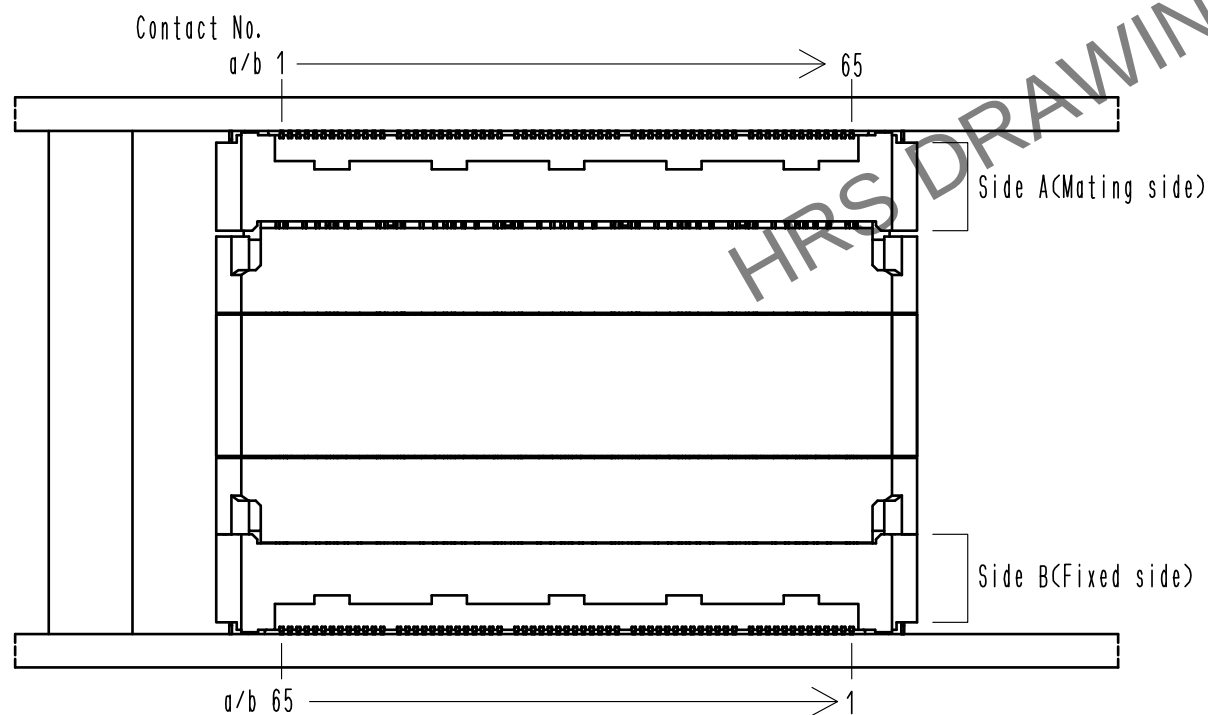


Fig. 4(FREE)

Table.1 Pin assignment (for row a)

Blade type	Contact No. Side A - Side B	Pin assignment	Blade type	Contact No. Side A - Side B	Pin assignment	Blade type	Contact No. Side A - Side B	Pin assignment
Differential (85 Ω)	a1 - a65	Ground	Differential (85 Ω)	a27 - a39	Ground	Differential (85 Ω)	a53 - a13	Ground
	a2 - a64	Signal		a28 - a38	Signal		a54 - a12	Signal
	a3 - a63	Signal		a29 - a37	Signal		a55 - a11	Signal
	a4 - a62	Signal		a30 - a36	Signal		a56 - a10	Signal
	a5 - a61	Signal		a31 - a35	Signal		a57 - a9	Signal
	a6 - a60	Signal		a32 - a34	Signal		a58 - a8	Signal
	a7 - a59	Ground		a33 - a33	Ground		a59 - a7	Ground
	a8 - a58	Signal		a34 - a32	Signal		a60 - a6	Signal
	a9 - a57	Signal		a35 - a31	Signal		a61 - a5	Signal
	a10 - a56	Signal		a36 - a30	Signal		a62 - a4	Signal
	a11 - a55	Signal		a37 - a29	Signal		a63 - a3	Signal
	a12 - a54	Signal		a38 - a28	Signal		a64 - a2	Signal
	a13 - a53	Ground		a39 - a27	Ground		a65 - a1	Ground
Differential (85 Ω)	a14 - a52	Ground	Differential (85 Ω)	a40 - a26	Ground			
	a15 - a51	Signal		a41 - a25	Signal			
	a16 - a50	Signal		a42 - a24	Signal			
	a17 - a49	Signal		a43 - a23	Signal			
	a18 - a48	Signal		a44 - a22	Signal			
	a19 - a47	Signal		a45 - a21	Signal			
	a20 - a46	Ground		a46 - a20	Ground			
	a21 - a45	Signal		a47 - a19	Signal			
	a22 - a44	Signal		a48 - a18	Signal			
	a23 - a43	Signal		a49 - a17	Signal			
	a24 - a42	Signal		a50 - a16	Signal			
	a25 - a41	Signal		a51 - a15	Signal			
	a26 - a40	Ground		a52 - a14	Ground			

Table.2 Pin assignment (for row b)

Blade type	Contact No. Side A - Side B	Pin assignment	Blade type	Contact No. Side A - Side B	Pin assignment	Blade type	Contact No. Side A - Side B	Pin assignment
Differential (85 Ω)	b1 - b65	Ground	Differential (85 Ω)	b27 - b39	Ground	Differential (85 Ω)	b53 - b13	Ground
	b2 - b64	Signal		b28 - b38	Signal		b54 - b12	Signal
	b3 - b63	Signal		b29 - b37	Signal		b55 - b11	Signal
	b4 - b62	Signal		b30 - b36	Signal		b56 - b10	Signal
	b5 - b61	Signal		b31 - b35	Signal		b57 - b9	Signal
	b6 - b60	Signal		b32 - b34	Signal		b58 - b8	Signal
	b7 - b59	Ground		b33 - b33	Ground		b59 - b7	Ground
	b8 - b58	Signal		b34 - b32	Signal		b60 - b6	Signal
	b9 - b57	Signal		b35 - b31	Signal		b61 - b5	Signal
	b10 - b56	Signal		b36 - b30	Signal		b62 - b4	Signal
	b11 - b55	Signal		b37 - b29	Signal		b63 - b3	Signal
	b12 - b54	Signal		b38 - b28	Signal		b64 - b2	Signal
	b13 - b53	Ground		b39 - b27	Ground		b65 - b1	Ground
Differential (85 Ω)	b14 - b52	Ground	Differential (85 Ω)	b40 - b26	Ground			
	b15 - b51	Signal		b41 - b25	Signal			
	b16 - b50	Signal		b42 - b24	Signal			
	b17 - b49	Signal		b43 - b23	Signal			
	b18 - b48	Signal		b44 - b22	Signal			
	b19 - b47	Signal		b45 - b21	Signal			
	b20 - b46	Ground		b46 - b20	Ground			
	b21 - b45	Signal		b47 - b19	Signal			
	b22 - b44	Signal		b48 - b18	Signal			
	b23 - b43	Signal		b49 - b17	Signal			
	b24 - b42	Signal		b50 - b16	Signal			
	b25 - b41	Signal		b51 - b15	Signal			
	b26 - b40	Ground		b52 - b14	Ground			

HRS

DRAWING NO.	EDC-348346-03-00
PART NO.	XG1-130P/Q01-30H(C03)
CODE NO.	CL624-0623-2-03

May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

