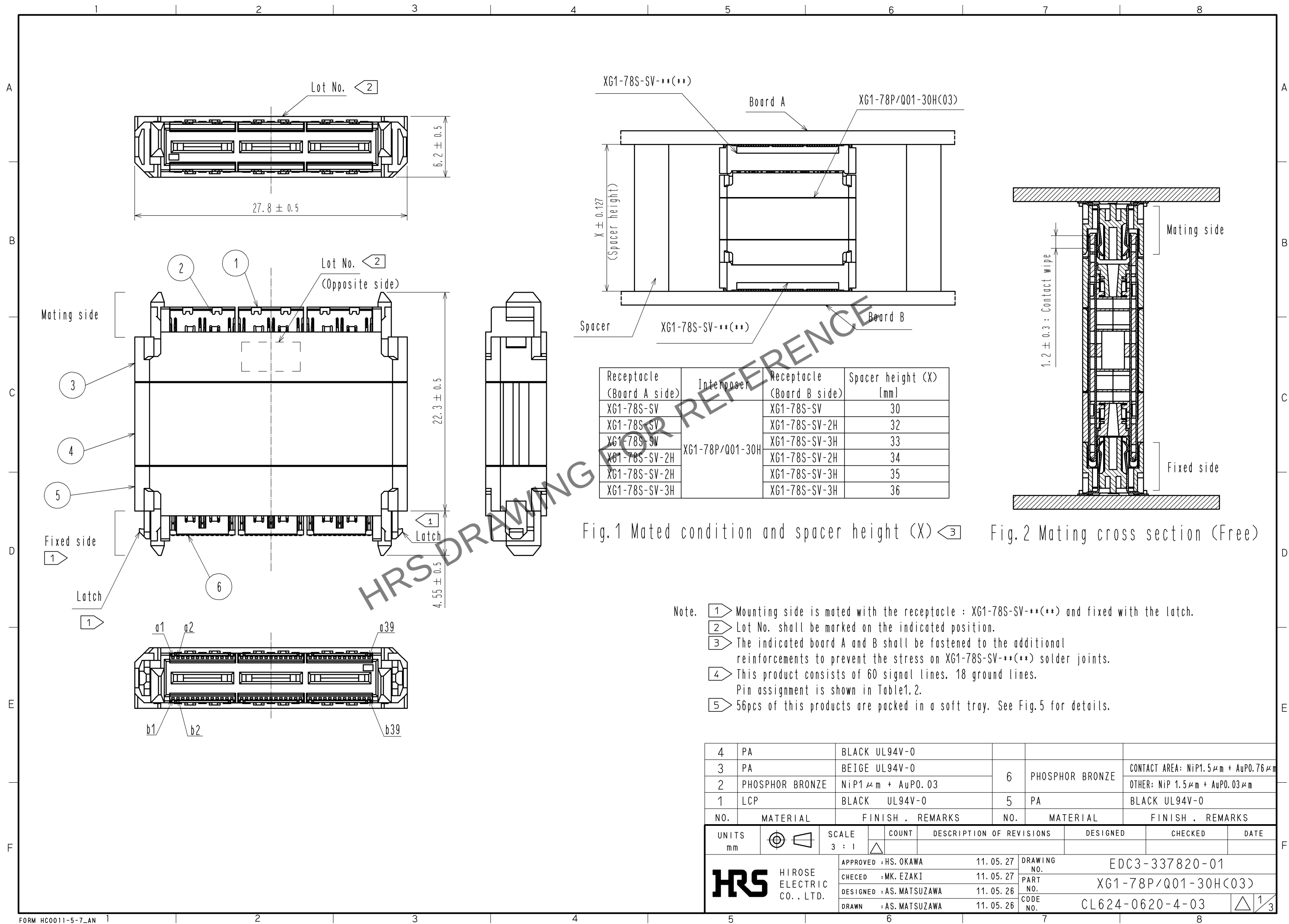




May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

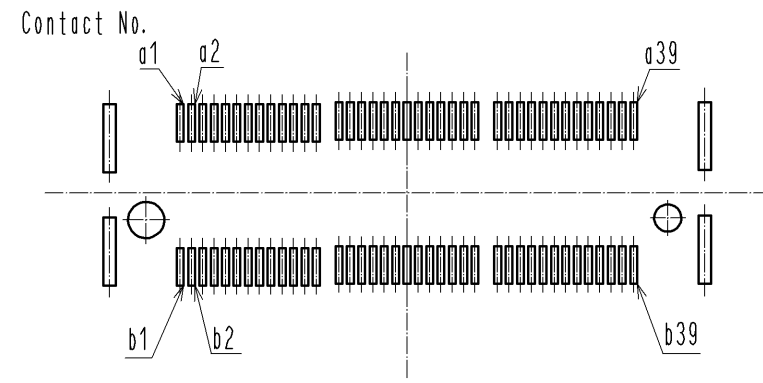


Fig. 3 Land pattern for XG1-78S-SV-** (**)(Free)

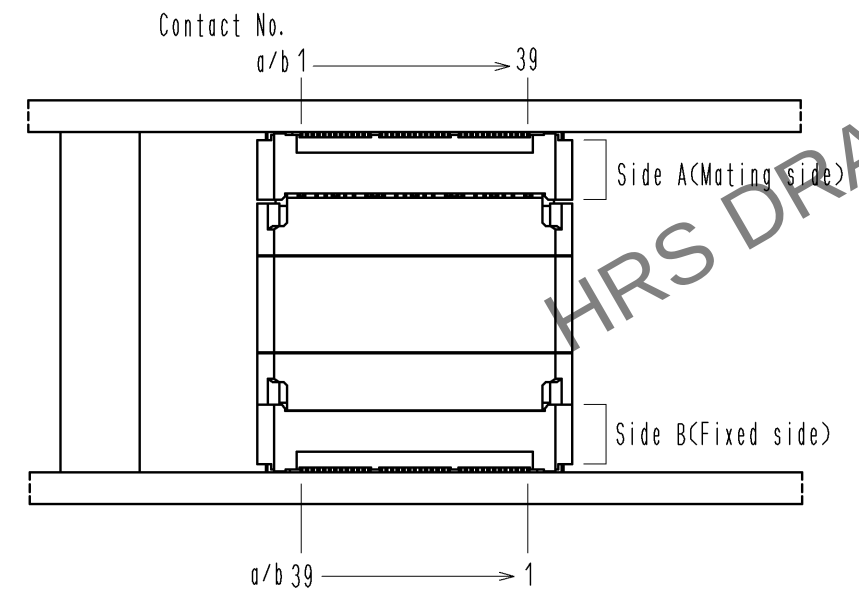


Fig. 4 (Free)

Table.1 Pin assignment (for row a) ◀ 4

Blade type	Contact No.	Pin assignment	Blade type	Contact No.	Pin assignment
	Side A - Side B			Side A - Side B	
Differential (85 Ω)	a1 - a39	Ground	Differential (85 Ω)	a27 - a13	Ground
	a2 - a38	Signal		a28 - a12	Signal
	a3 - a37	Signal		a29 - a11	Signal
	a4 - a36	Signal		a30 - a10	Signal
	a5 - a35	Signal		a31 - a9	Signal
	a6 - a34	Signal		a32 - a8	Signal
	a7 - a33	Ground		a33 - a7	Ground
	a8 - a32	Signal		a34 - a6	Signal
	a9 - a31	Signal		a35 - a5	Signal
	a10 - a30	Signal		a36 - a4	Signal
	a11 - a29	Signal		a37 - a3	Signal
	a12 - a28	Signal		a38 - a2	Signal
	a13 - a27	Ground		a39 - a1	Ground
Differential (85 Ω)	a14 - a26	Ground			
	a15 - a25	Signal			
	a16 - a24	Signal			
	a17 - a23	Signal			
	a18 - a22	Signal			
	a19 - a21	Signal			
	a20 - a20	Ground			
	a21 - a19	Signal			
	a22 - a18	Signal			
	a23 - a17	Signal			
	a24 - a16	Signal			
	a25 - a15	Signal			
	a26 - a14	Ground			

Table.2 Pin assignment (for row b) ◀ 4

Blade type	Contact No.	Pin assignment	Blade type	Contact No.	Pin assignment
	Side A - Side B			Side A - Side B	
Differential (85 Ω)	b1 - b39	Ground	Differential (85 Ω)	b27 - b13	Ground
	b2 - b38	Signal		b28 - b12	Signal
	b3 - b37	Signal		b29 - b11	Signal
	b4 - b36	Signal		b30 - b10	Signal
	b5 - b35	Signal		b31 - b9	Signal
	b6 - b34	Signal		b32 - b8	Signal
	b7 - b33	Ground		b33 - b7	Ground
	b8 - b32	Signal		b34 - b6	Signal
	b9 - b31	Signal		b35 - b5	Signal
	b10 - b30	Signal		b36 - b4	Signal
	b11 - b29	Signal		b37 - b3	Signal
	b12 - b28	Signal		b38 - b2	Signal
	b13 - b27	Ground		b39 - b1	Ground
Differential (85 Ω)	b14 - b26	Ground			
	b15 - b25	Signal			
	b16 - b24	Signal			
	b17 - b23	Signal			
	b18 - b22	Signal			
	b19 - b21	Signal			
	b20 - b20	Ground			
	b21 - b19	Signal			
	b22 - b18	Signal			
	b23 - b17	Signal			
	b24 - b16	Signal			
	b25 - b15	Signal			
	b26 - b14	Ground			

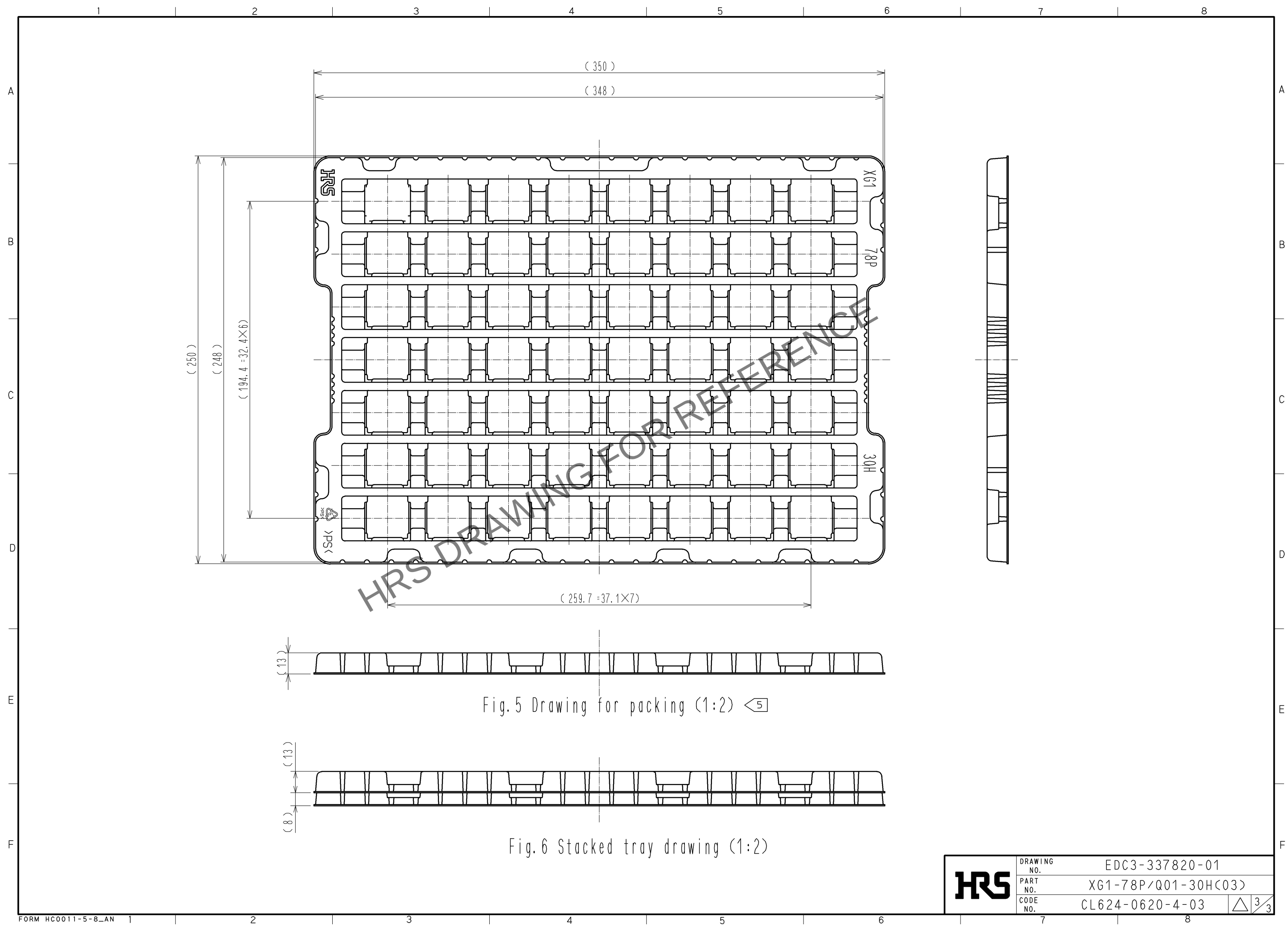
DRAWING NO.
EDC3-337820-01

PART NO.
XG1-78P/Q01-30H(C03)

CODE NO.
CL624-0620-4-03

2/3

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.



HRS	DRAWING NO.	EDC3-337820-01	△3/3
	PART NO.	XG1-78P/Q01-30H(C3)	
	CODE NO.	CL624-0620-4-03	