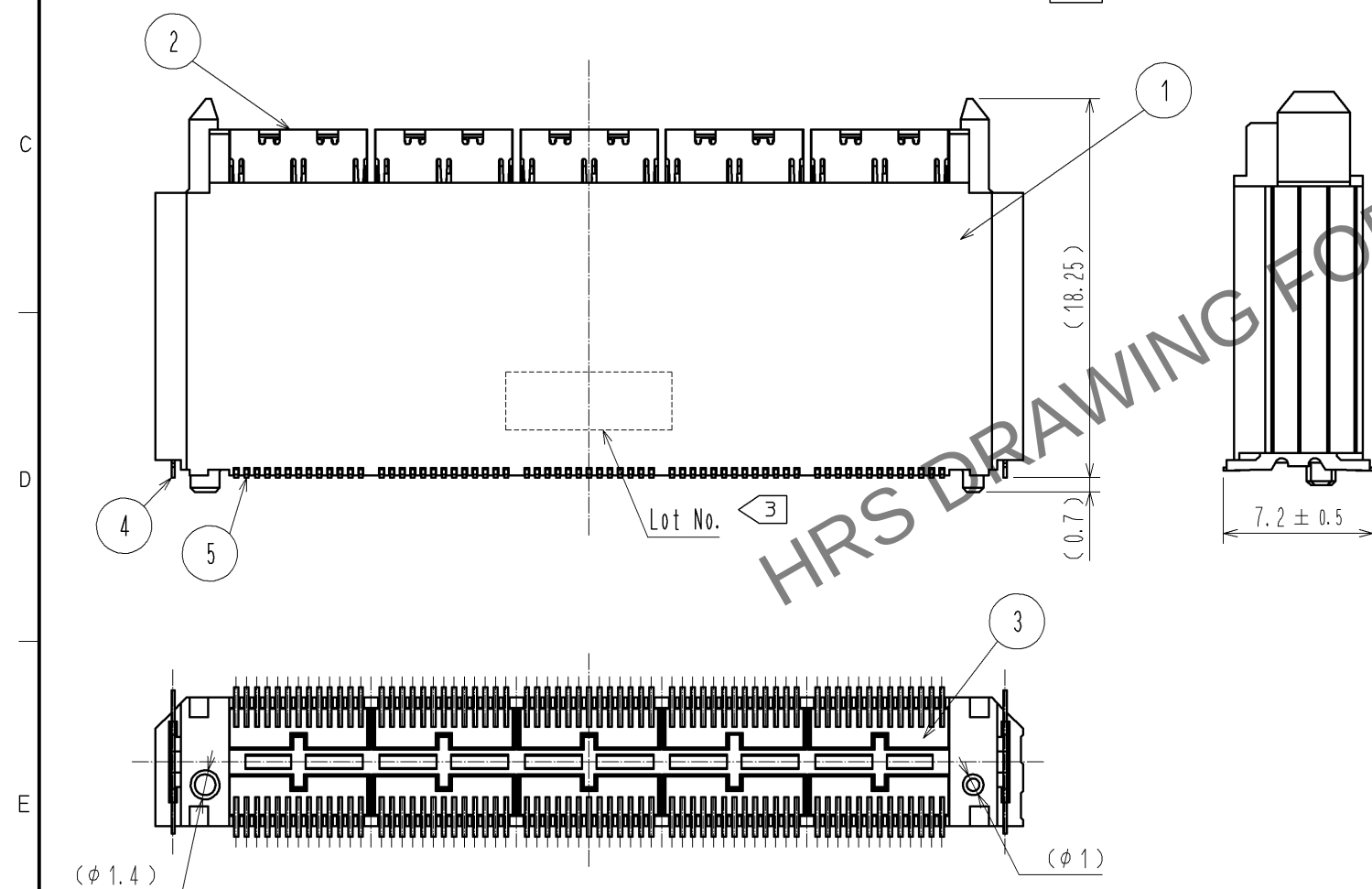
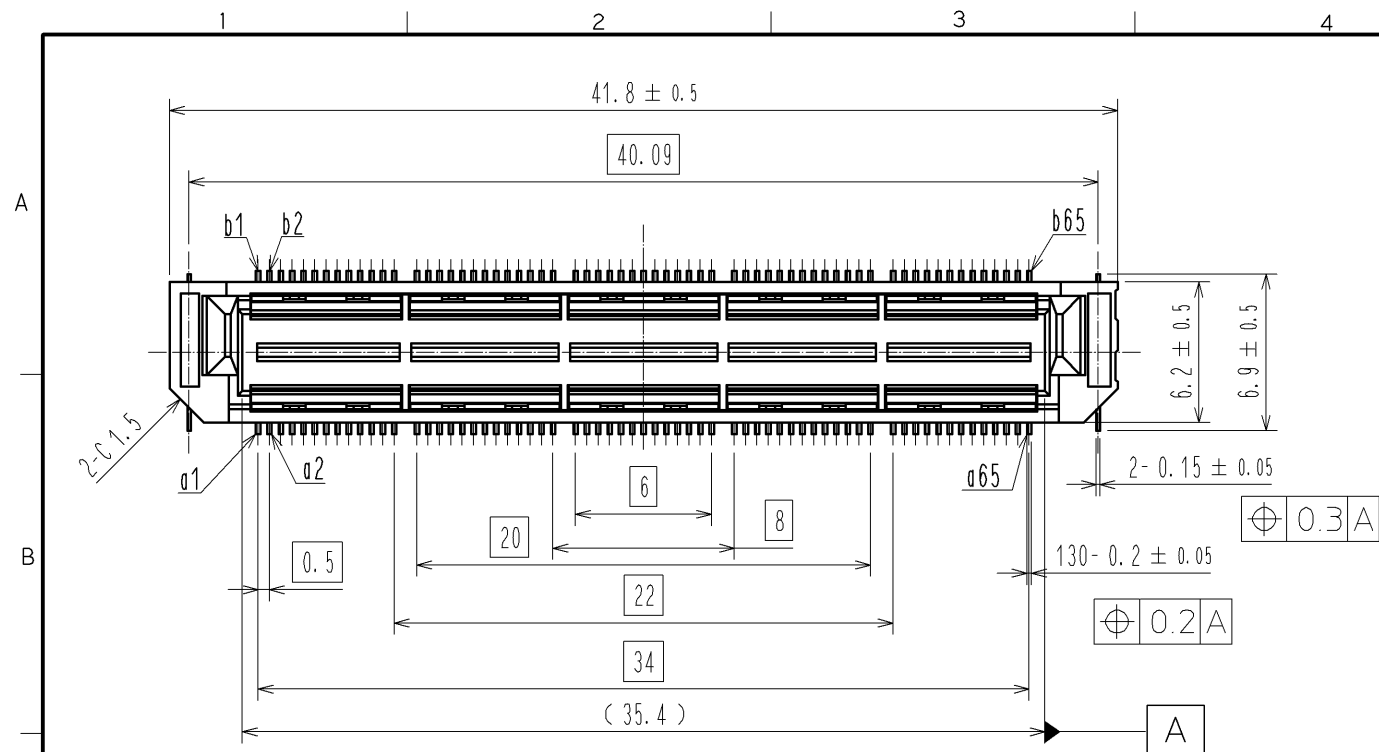
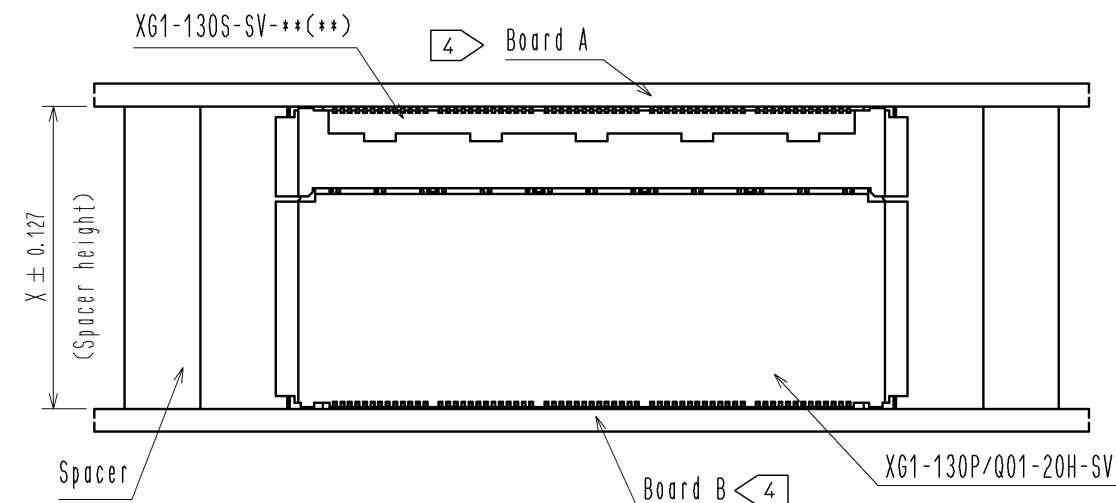


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- NOTE.
- Lead co-planarity of this product to be 0.1MAX.
 - () indicates a reference dimension.
 - Lot No. shall be marked on the indicated position.
 - The indicated board A and B shall be fastened to the additional reinforcements to prevent the stress on XG1-130S-SV-**(**) solder joints.
 - This product consists of 100 signal lines and 30 ground lines. Pin assignment is shown in Table1.2.
 - Dimensions for this product with Pick & Place cap are shown in Fig.4.
 - 72pcs of this products are packed in a hard tray. See Fig.5 for details.



Receptacle	PLUG	Spacer height (X) [mm]
XG1-130S-SV		20
XG1-130S-SV-2H	XG1-130P/Q01-20H-SV	22
XG1-130S-SV-3H		23

Fig.1 Engagement figure with spacer (Free)

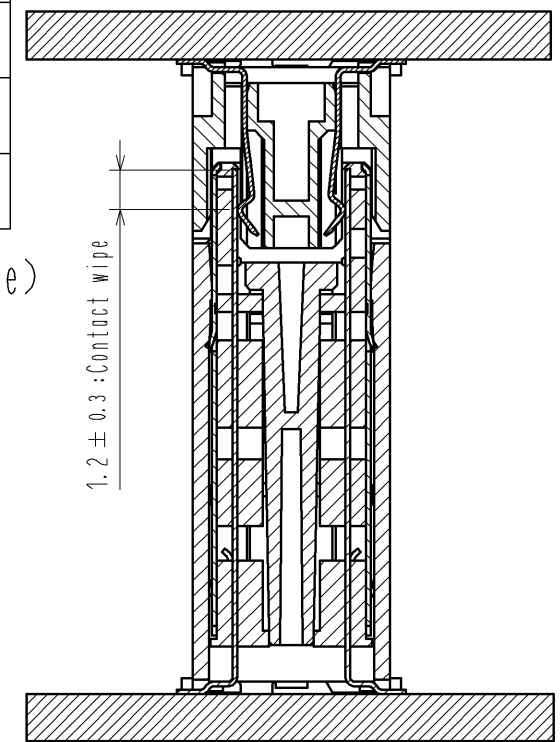


Fig.2 Mating cross section (Free)

4	BRASS	NiP1 μm + AuP0.03 μm	7	HIPS	CHARD TRAY
3	LCP	BLACK UL94V-0	6	PA	CCAP FOR PICK AND PLACE
2	PHOSPHOR BROZE	NiP1 μm + AuP0.03 μm	5	PHOSPHOR BRONZE	CONTACT AREA: NiP1 μm + AuP0.2 μm
1	PA	BLACK UL94V-0			OTHERS: NiP1 μm + AuP0.03 μm
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm					
SCALE 3 : 1					
COUNT					
DESCRIPTION OF REVISIONS					
DESIGNED					
CHECKED					
DATE					
APPROVED : MK. EZAKI 13.02.26					
CHECED : MK. EZAKI 13.02.26					
DESIGNED : TF. SUGAWARA 13.02.26					
DRAWN : TF. SUGAWARA 13.02.26					
DRAWING NO. EDC3-345695-00					
PART NO. XG1-130P/Q01-20H-SV					
CODE NO. CL624-0226-2-00					
1/3					

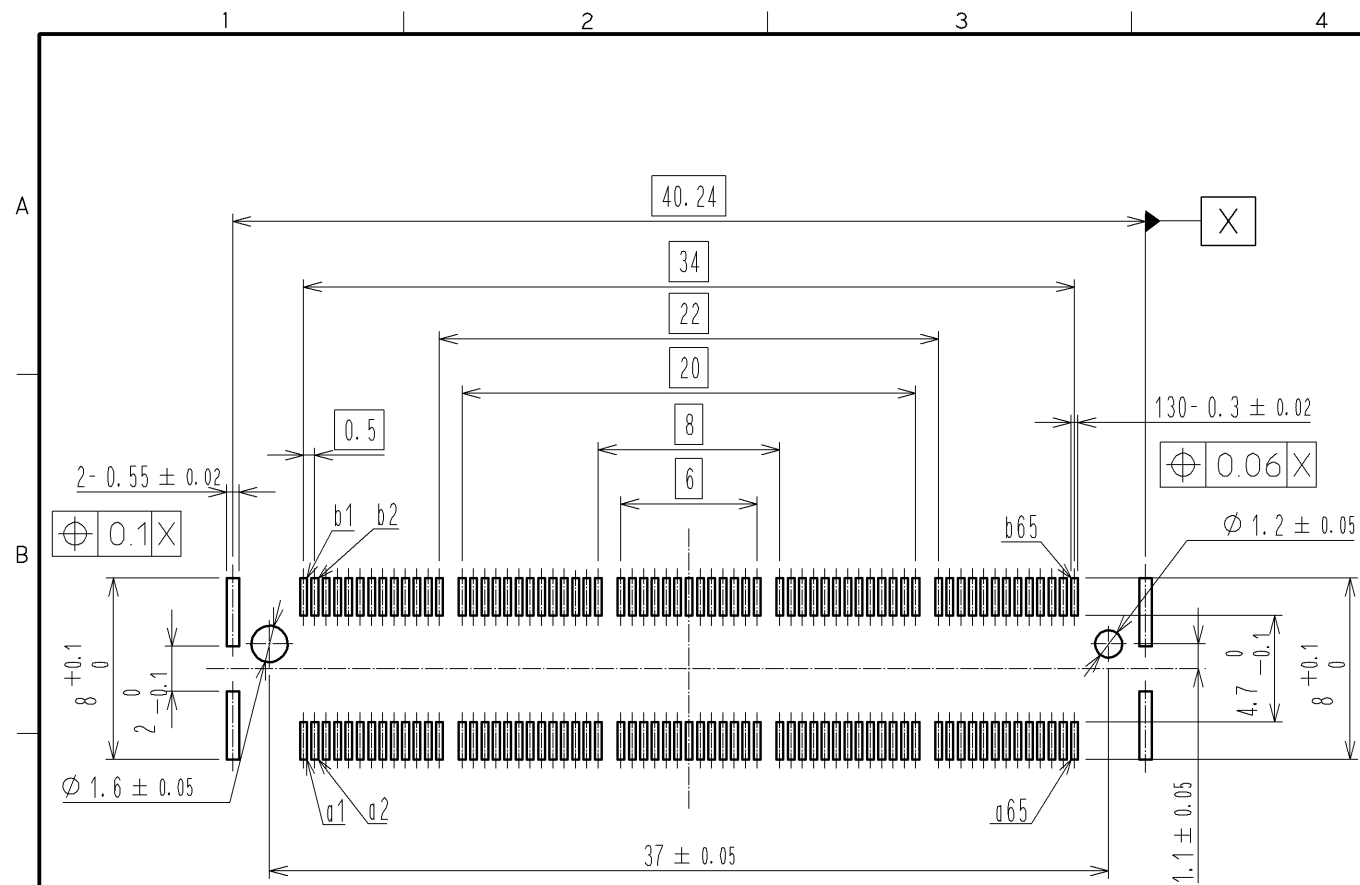


Fig.3 Recommended land pattern (3:1)

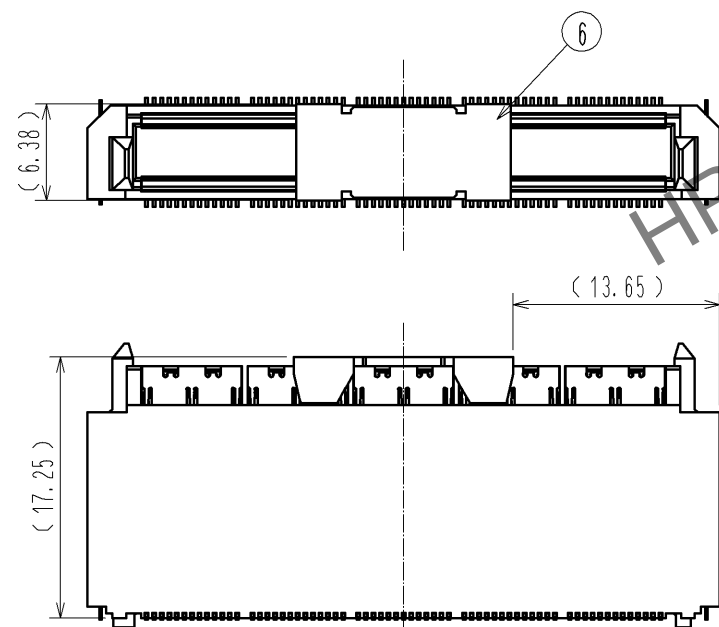


Fig.4 (2:1)

Table.1 Pin assignment (for row a)

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

Table.2 Pin assignment (for row b)

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

HR5

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CODE NO.	CL624-0226-2-00

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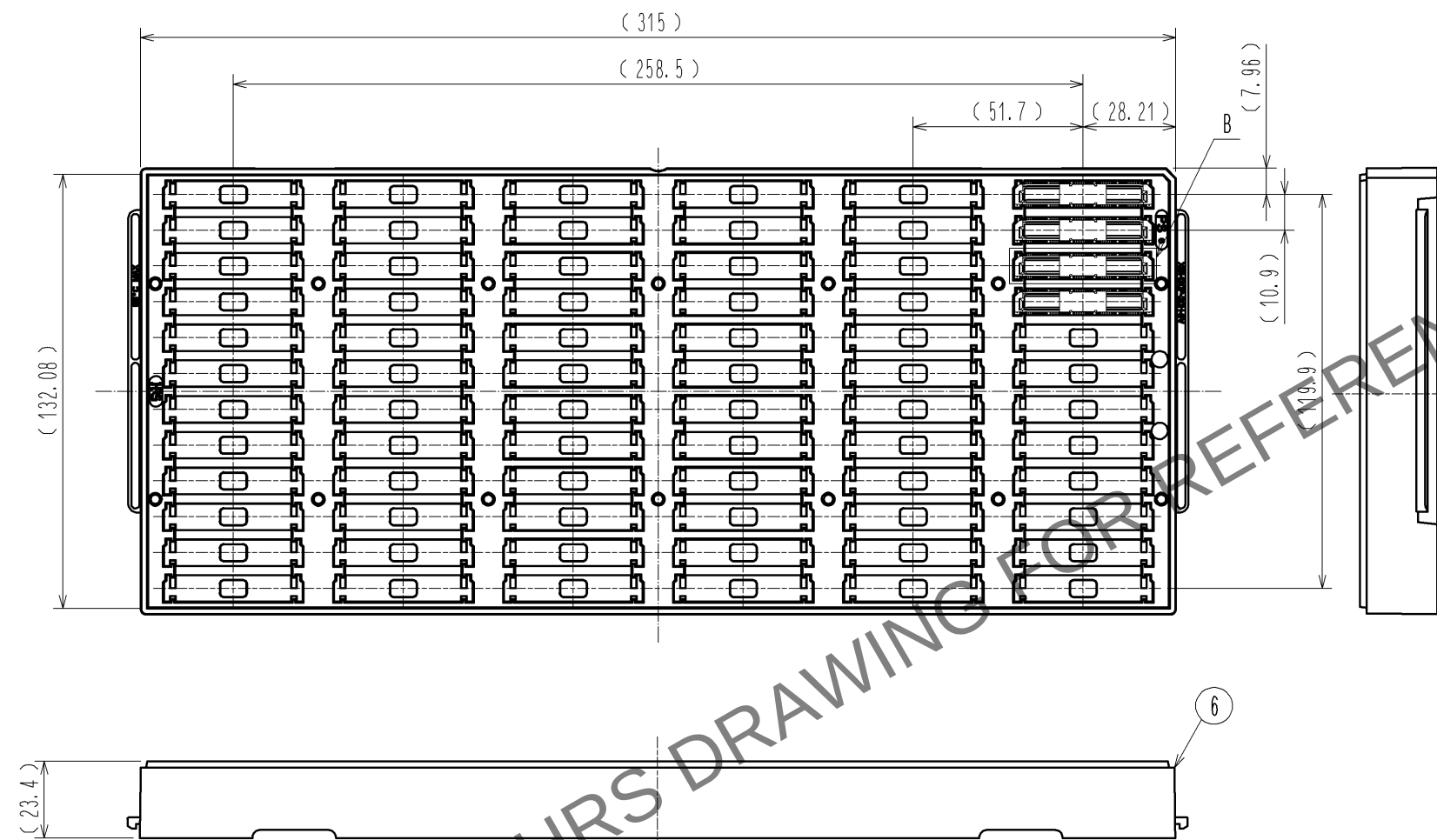
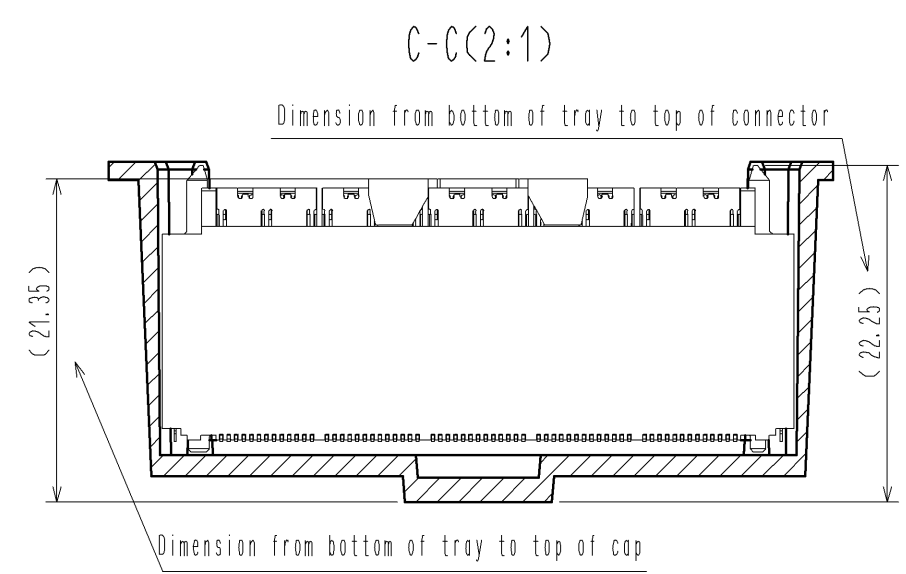
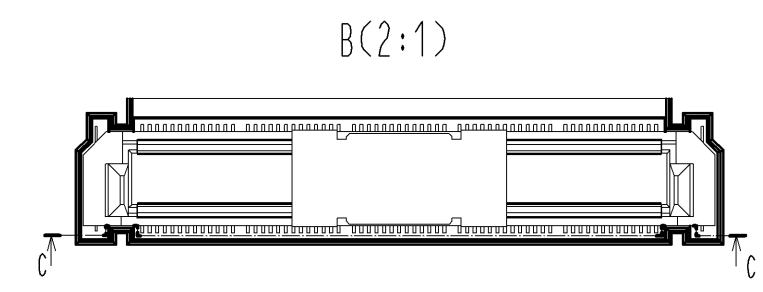


Fig.5 Tray package (1:2) $\triangleleft 7$



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