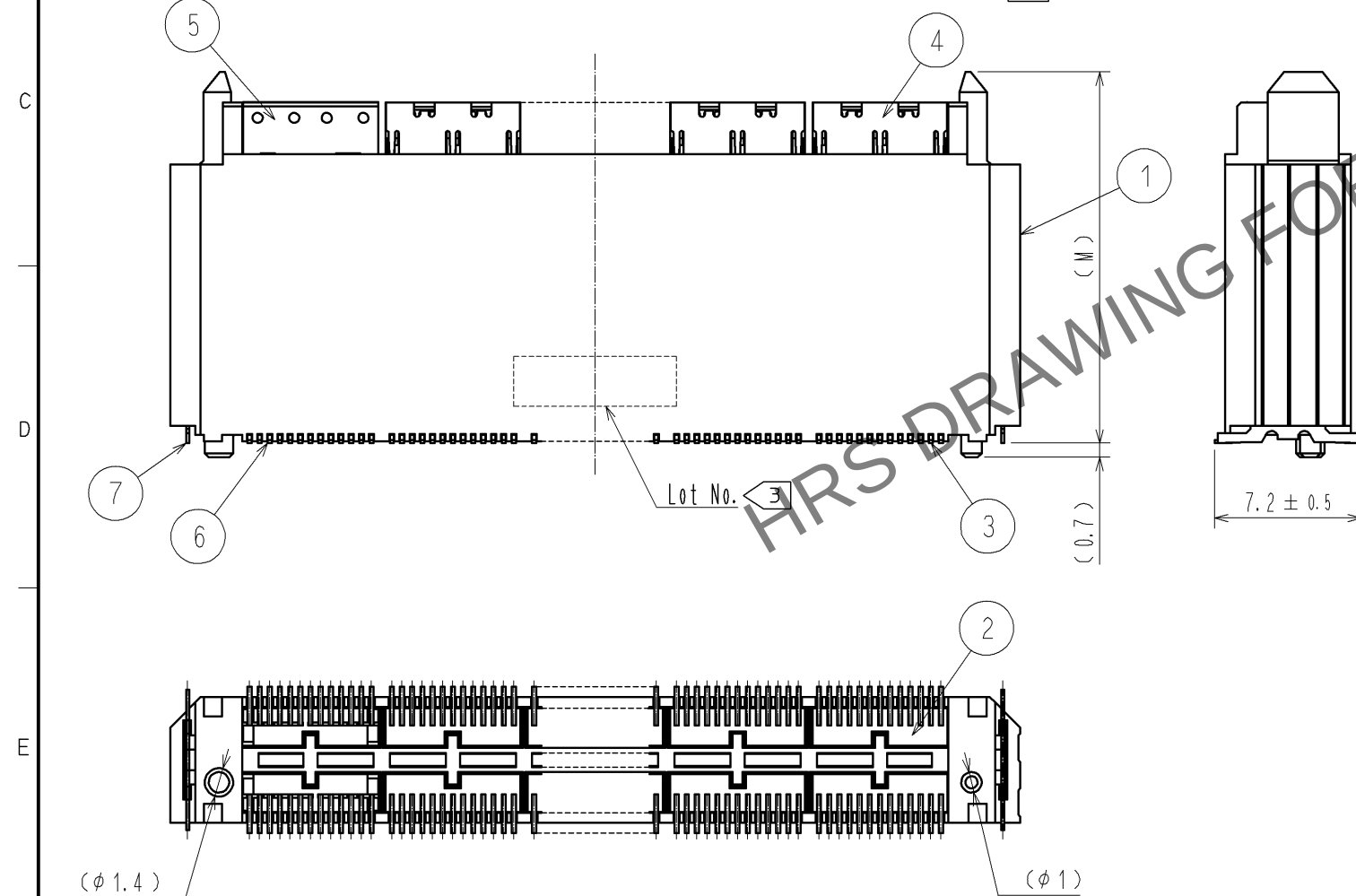
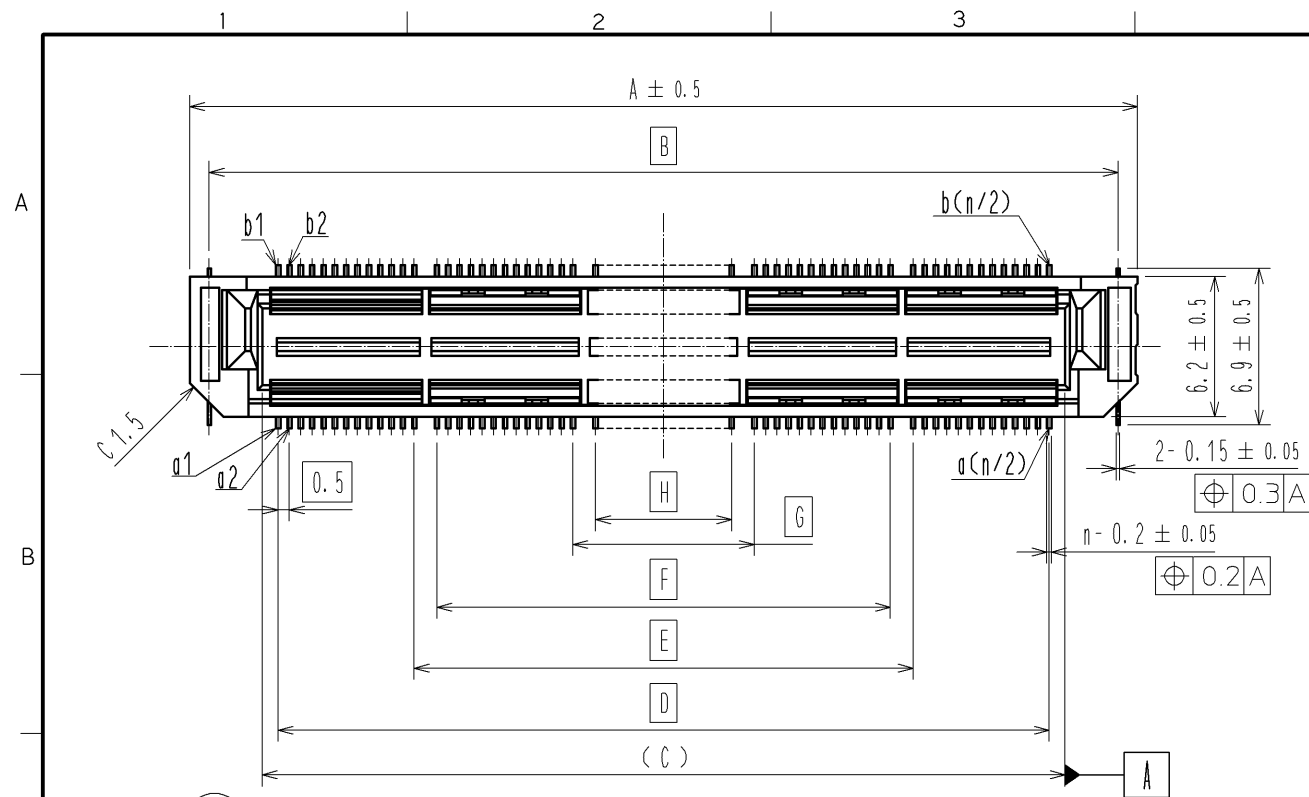




- NOTE.
1. Lead co-planarity of this product to be 0.1MAX.
 2. () indicates a reference dimension.
 3. Lot No. shall be marked on the indicated position.
 4. The indicated board A and B shall be fastened to the additional reinforcements to prevent the stress on XG1-**-S-SV(**) solder joints.
 5. Pin assignment is shown in TABLE 1 and 2.
 6. TABLE 3 indicates the dimentions fo A from M.

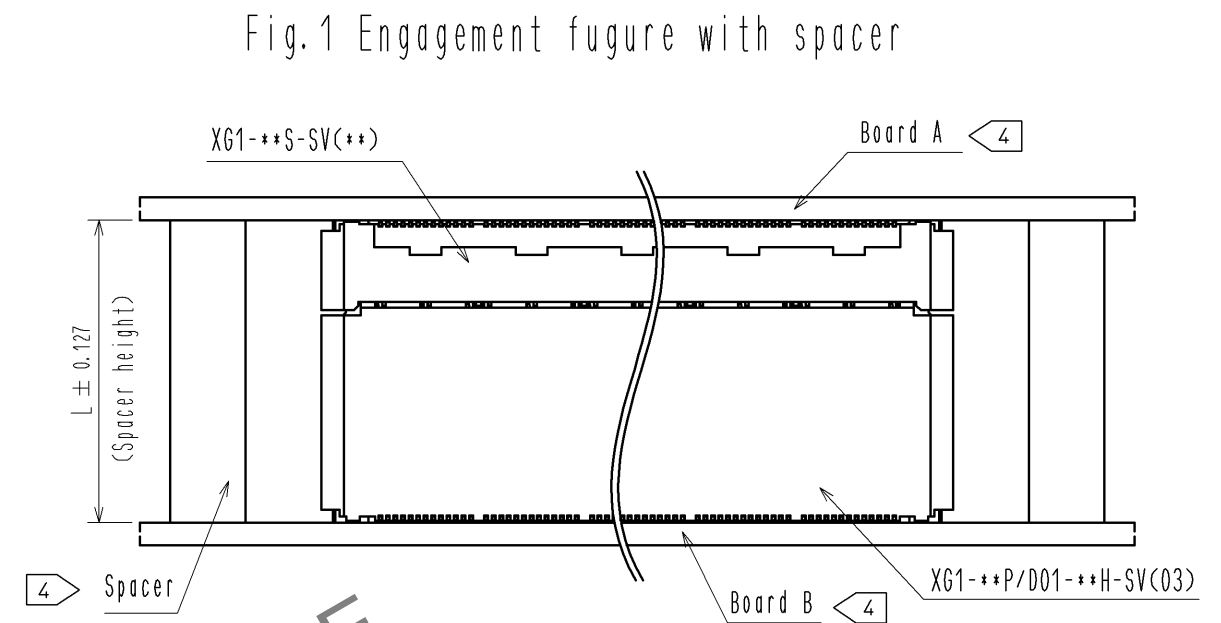
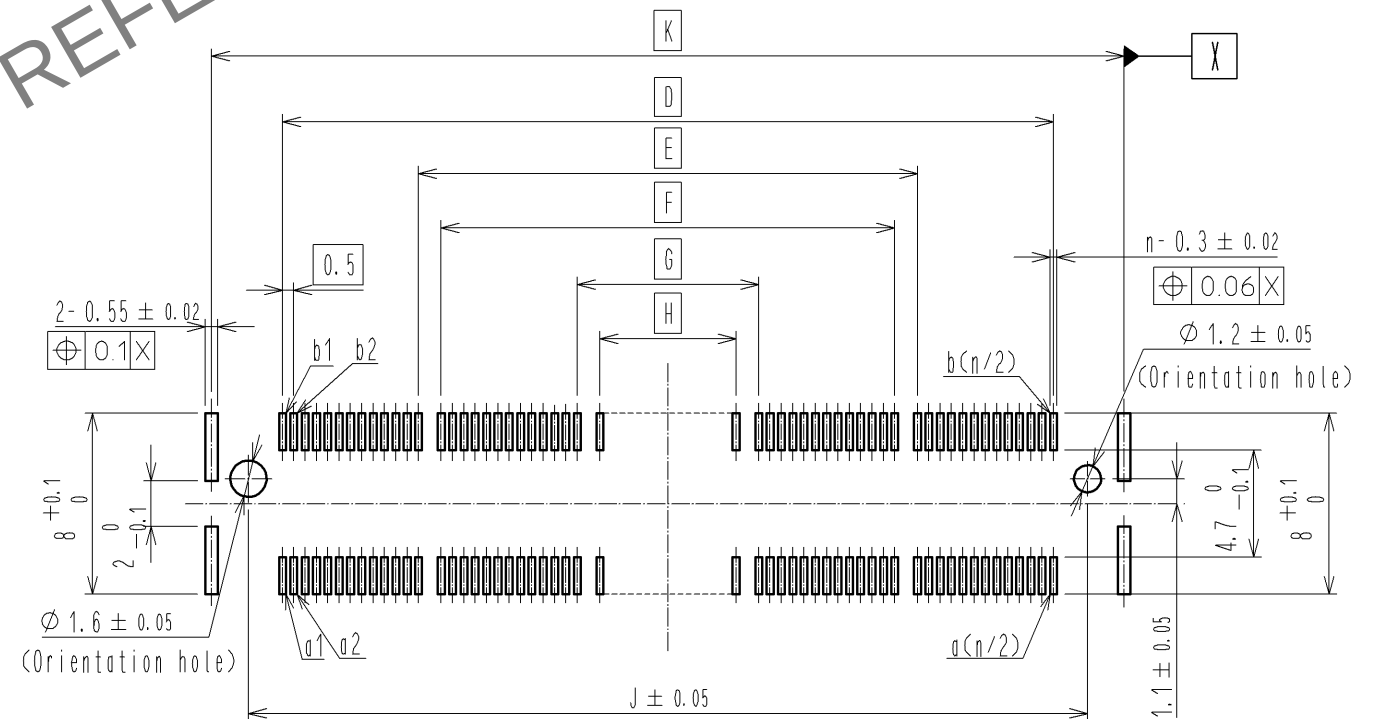


Fig.2 Recommended land pattern



4	PHOSPHOR BRONZE	NiP1 μm+AuP0.03 μm	7	BRASS	NiP1 μm+AuP0.03 μm
3	PHOSPHOR BRONZE	CONTACT AREA: NiP1 μm+AuP0.76 μm OTHERS: NiP1 μm+AuP0.03 μm	6	COPPER ALLOY	CONTACT AREA: NiP1 μm+AuP0.76 μm OTHERS: NiP1 μm+AuP0.03 μm
2	LCP	BEIGE UL94V-0	5	LCP	BEIGE UL94V-0
1	PA	BLACK UL94V-0			
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 3 : 1	COUNT		DESCRIPTION OF REVISIONS
HRS		APPROVED : HS. OKAWA	10.08.31		DESIGNED
HIROSE ELECTRIC CO., LTD.		CHECED : HS. OKAWA	10.08.31		CHECKED
		DESIGNED : TS. OSHIDA	10.08.31		DATE
		DRAWN : CR. TAKESHIMA	10.08.27		
		DRAWING NO. EDC3-333851-00		PART NO. XG1-**-P/D01-**-H-SV(03)	
		CODE NO.		1/2	

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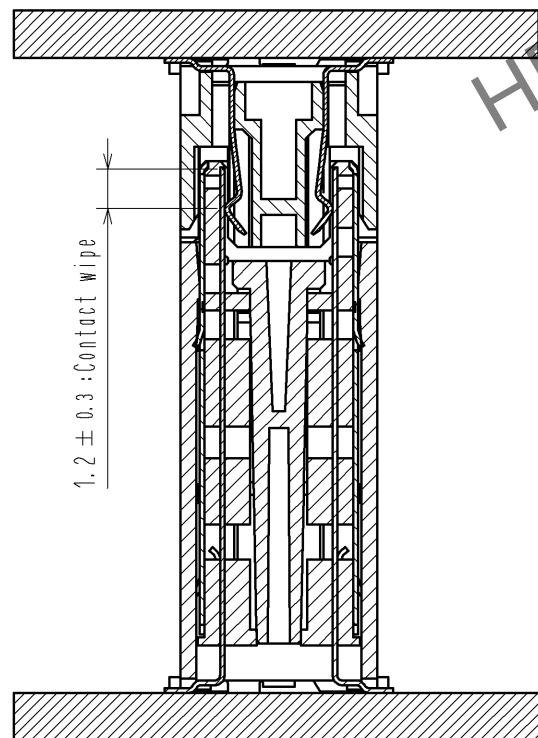
5 Table.1 Pin Assignment (for Row a)

Blade type	Contact No.	Pin assignment	Blade type	Contact No.	Pin assignment
Power	a1	Power	Differential (100ohms)	a27	GROUND
	a2			a28	SIGNAL
	a3			:	:
	a4			:	:
	a5				
	a6				
	a7	Power		a(n/2-1)	SIGNAL
	a8			a(n/2)	GROUND
	a9				
	a10				
	a11				
	a12				
	a13				
Differential (100ohms)	a14	GROUND			
	a15	SIGNAL			
	a16	SIGNAL			
	a17	SIGNAL			
	a18	SIGNAL			
	a19	SIGNAL			
	a20	GROUND			
	a21	SIGNAL			
	a22	SIGNAL			
	a23	SIGNAL			
	a24	SIGNAL			
	a25	SIGNAL			
	a26	GROUND			

5 Table.2 Pin Assignment (for Row b)

Blade type	Contact No.	Pin assignment	Blade type	Contact No.	Pin assignment
Power	b1	Power	Differential (100ohms)	b27	GROUND
	b2			b28	SIGNAL
	b3			⋮	⋮
	b4			⋮	⋮
	b5				
	b6				
	b7	Power			
	b8				
	b9				
	b10				
	b11				
	b12				
	b13				b(n/2-1)
Differential (100ohms)	b14	GROUND	b(n/2)	GROUND	
	b15	SIGNAL			
	b16	SIGNAL			
	b17	SIGNAL			
	b18	SIGNAL			
	b19	SIGNAL			
	b20	GROUND			
	b21	SIGNAL			
	b22	SIGNAL			
	b23	SIGNAL			
	b24	SIGNAL			
	b25	SIGNAL			
	b26	GROUND			

Fig.3 Mating Cross Section (Free)



6 Table.3 Dimentions

Stacking height (L)	No. of pos. (n)	Part No.	Dimentions										
			A	B	C	D	E	F	G	H	J	K	M
15	52	XG1-52P/D01-15H-SV(03)	20.8	19.09	14.4	13	1	—	—	—	16	19.24	13.25
	78	XG1-78P/D01-15H-SV(03)	27.8	26.09	21.4	20	8	6	—	—	23	26.24	
	104	XG1-104P/D01-15H-SV(03)	34.8	33.09	28.4	27	15	13	1	—	30	33.24	
	130	XG1-130P/D01-15H-SV(03)	41.8	40.09	35.4	34	22	20	8	6	37	40.24	
20	52	XG1-52P/D01-20H-SV(03)	20.8	19.09	14.4	13	1	—	—	—	16	19.24	18.25
	78	XG1-78P/D01-20H-SV(03)	27.8	26.09	21.4	20	8	6	—	—	23	26.24	
	104	XG1-104P/D01-20H-SV(03)	34.8	33.09	28.4	27	15	13	1	—	30	33.24	
	130	XG1-130P/D01-20H-SV(03)	41.8	40.09	35.4	34	22	20	8	6	37	40.24	

(Unit:mm)

HRS

DRAWING NO.	EDC3-333851-00
PART NO.	XG1-**-P/D01-**-H-SV(03)
CODE NO.	△ 2/2