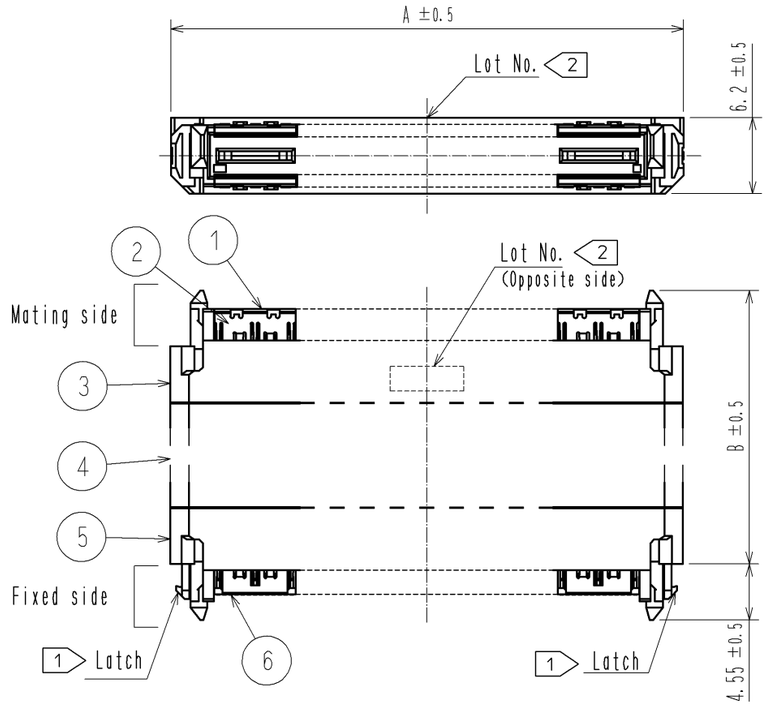
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



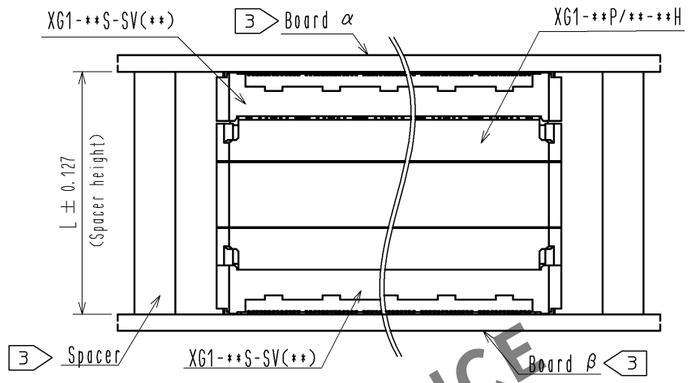


Fig.1 Engagement figure with spacer (Free)

4 Table.1 Pin assignment

Blade Type	Pin No.	Pin assignment
Differential (100Ω)	a1/b1	GROUND
	a2/b2	SIGNAL
	a3/b3	SIGNAL
	a4/b4	SIGNAL
	a5/b5	SIGNAL
	a6/b6	SIGNAL
	a7/b7	GROUND
	a8/b8	SIGNAL
	a9/b9	SIGNAL
	a10/b10	SIGNAL
	a11/b11	SIGNAL
	a12/b12	SIGNAL
	a13/b13	GROUND
	a14/b14	GROUND
	a15/b15	SIGNAL
	a16/b16	SIGNAL
	a17/b17	SIGNAL
	a18/b18	SIGNAL
	a19/b19	SIGNAL
	a20/b20	GROUND
	a21/b21	SIGNAL
	a22/b22	SIGNAL
	a23/b23	SIGNAL
	a24/b24	SIGNAL
	a25/b25	SIGNAL
	a26/b26	GROUND
	⋮	⋮
	a(n/2-1)/b(n/2-1)	SIGNAL
	a(n/2)/b(n/2)	GROUND

HRS DRAWING FOR REFERENCE

Note.
1 Mounting side is mated with the receptacle : XG1-**S-SV(**) and fixed with the latch.
2 Lot No. shall be marked on the indicated position.
3 The indicated board α and β shall be fastened to the additional reinforcements to prevent the stress on XG1-**S-SV(**) solder joints.
4 Pin assignment is shown in Table 1.
5 Table 2 indicated dimentions of A and B.

5 Table.2 Dimentions

(Unit:mm)

Stacking height (L)	No. of pos. (n)	Part No.	Dimentions A	Dimentions B	Stacking height (L)	No. of pos. (n)	Part No.	Dimentions A	Dimentions B
25	52	XG1-52P/12-25H	20.8	17.3	38	52	XG1-52P/12-38H	20.8	30.3
	78	XG1-78P/18-25H	27.8			78	XG1-78P/18-38H	27.8	
	104	XG1-104P/24-25H	34.8			104	XG1-104P/24-38H	34.8	
	130	XG1-130P/30-25H	41.8			130	XG1-130P/30-38H	41.8	
	156	XG1-156P/36-25H	51.8			156	XG1-156P/36-38H	51.8	
	208	XG1-208P/48-25H	65.8			208	XG1-208P/48-38H	65.8	
	260	XG1-260P/60-25H	79.8			260	XG1-260P/60-38H	79.8	
30	52	XG1-52P/12-30H	20.8	22.3					
	78	XG1-78P/18-30H	27.8						
	104	XG1-104P/24-30H	34.8						
	130	XG1-130P/30-30H	41.8						
	156	XG1-156P/36-30H	51.8						
	208	XG1-208P/48-30H	65.8						
	260	XG1-260P/30-30H	79.8						

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	PA	BEIGE UL94V-0	6	PHOSPHOR BRONZE	CONTACT AREA : Ni1μm + Au0.2μm
2	PHOSPHOR BRONZE	Ni1μm + Au0.03μm	5	PA	BLACK UL94V-0
1	LCP	BEIGE UL94V-0	4	PA	BLACK UL94V-0

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1					

HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	10. 05. 07
CHECKED	MK. EZAKI	10. 05. 07
DESIGNED	TS. OSHIDA	10. 05. 07
DRAWN	TS. OSHIDA	10. 05. 07

DRAWING NO. EDC3-331585-00
PART NO. XG1-**P/**-**H
CODE NO.
1/1