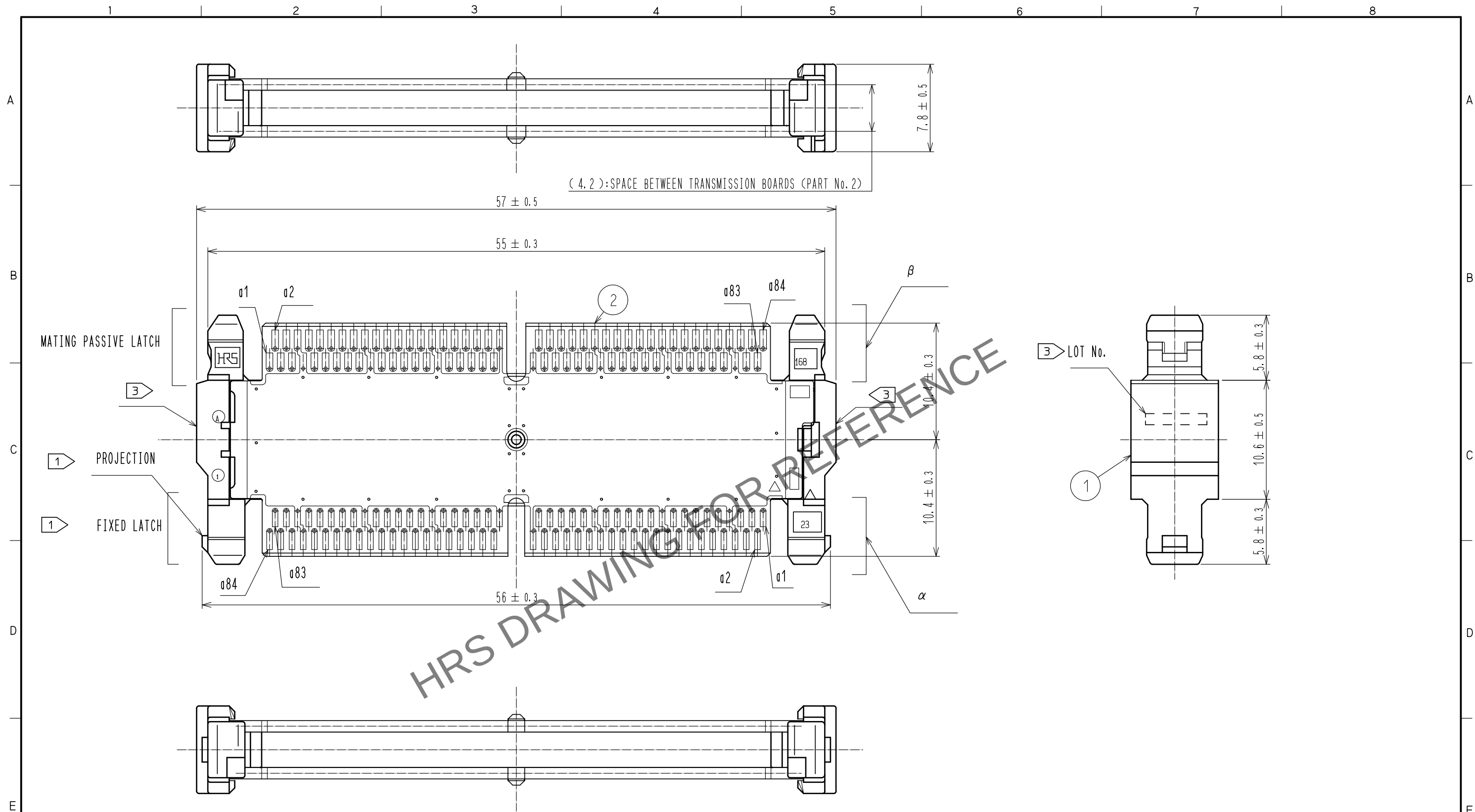
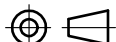


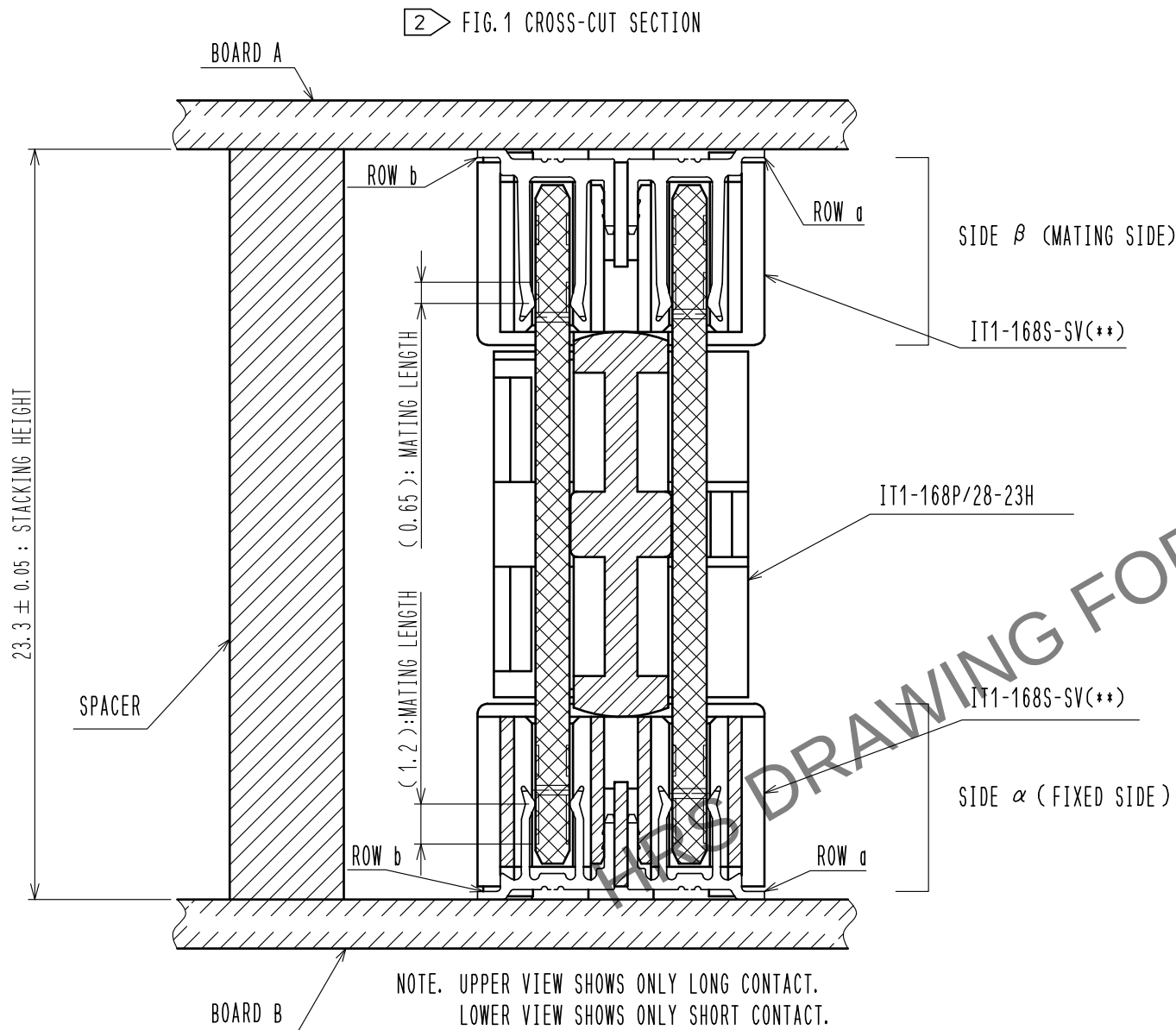
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



- NOTE.
- ONCE FIXING PART IS MATED WITH THE RECEPTACLE: IT1-168S-SV(**), IT IS NOT DETACHABLE. BECAUSE THE RECEPTACLE CATCHES ON THE PROJECTION.
 - THE INDICATED BOARD A AND B SHALL BE FASTENED TO THE ADDITIONAL REINFORCEMENTS TO PREVENT THE STRESS ON IT1-168S-SV(**) SOLDER JOINTS.
 - LOT No. SHALL BE MARKED ON ONE OF THE TWO INDICATED POSITIONS.
 - PIN ASSIGNMENT IS SHOWN IN THE SHEET 2.
 - THE DIMENSION IN () : PARENTHESES INDICATES THE NOMINAL VALUE , AND THOSE DIMENSIONS ARE FOR REFERENCE ONLY.
 - DESIGN GUIDELINE AND OTHER REQUIREMENTS ARE SHOWN IN 「INSTALLATION AND USE INSTRUCTION MANUAL (ETAD-F0265)」.

				2		GLASS-BASE EPOXY		CONTACT AREA: Ni3μm + Au0.05μm									
1		PBT		BLACK		UL94V-0		(FR4)		THE OTHER AREA: SOLDER RESIST							
NO.		MATERIAL		FINISH , REMARKS				NO.		MATERIAL		FINISH , REMARKS					
UNITS				SCALE				COUNT		DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE	
mm				3 : 1													
 HIROSE ELECTRIC CO., LTD.				APPROVED : TM. MATSUO				18. 06. 11		DRAWING NO.		EDC-156243-00-00					
				CHECKED : MK. EZAKI				18. 06. 07		PART NO.		IT1-168P/28-23H					
				DESIGNED : AS. MATSUZAWA				18. 06. 07		CODE NO.		CL641-0263-4-00					
				DRAWN : AS. MATSUZAWA				18. 06. 07									

A
B
C
D
E
F



4 TABLE.1 α-β PIN ASSIGNMENT (FOR ROW a AND ROW b)

ROW a			
	α - β		α - β
SIGNAL	a 1 - a 84	SIGNAL	a 44 - a 41
	a 2 - a 83		
	a 3 - a 82		
	a 4 - a 81		
	a 5 - a 80		a 53 - a 32
GROUND	a 6 - a 79	GROUND	a 54 - a 31
	a 7 - a 78		a 55 - a 30
	a 8 - a 77		a 56 - a 29
SIGNAL		SIGNAL	
	a 17 - a 68		a 65 - a 20
	a 18 - a 67		a 66 - a 19
GROUND	a 19 - a 66	GROUND	a 67 - a 18
	a 20 - a 65		a 68 - a 17
SIGNAL		SIGNAL	
	a 29 - a 56		a 77 - a 8
	a 30 - a 55		a 78 - a 7
GROUND	a 31 - a 54	GROUND	a 79 - a 6
	a 32 - a 53		a 80 - a 5
SIGNAL		SIGNAL	a 81 - a 4
			a 82 - a 3
			a 83 - a 2
	a 41 - a 44		a 84 - a 1
	a 42 - a 43		
GROUND	a 43 - a 42		

ROW b			
	α - β		α - β
SIGNAL	b 1 - b 84	SIGNAL	b 44 - b 41
	b 2 - b 83		
	b 3 - b 82		
	b 4 - b 81		
	b 5 - b 80		b 53 - b 32
GROUND	b 6 - b 79	GROUND	b 54 - b 31
	b 7 - b 78		b 55 - b 30
	b 8 - b 77		b 56 - b 29
SIGNAL		SIGNAL	
	b 17 - b 68		b 65 - b 20
	b 18 - b 67		b 66 - b 19
GROUND	b 19 - b 66	GROUND	b 67 - b 18
	b 20 - b 65		b 68 - b 17
SIGNAL		SIGNAL	
	b 29 - b 56		b 77 - b 8
	b 30 - b 55		b 78 - b 7
GROUND	b 31 - b 54	GROUND	b 79 - b 6
	b 32 - b 53		b 80 - b 5
SIGNAL		SIGNAL	b 81 - b 4
			b 82 - b 3
			b 83 - b 2
	b 41 - b 44		b 84 - b 1
	b 42 - b 43		
GROUND	b 43 - b 42		

A
B
C
D
E
F