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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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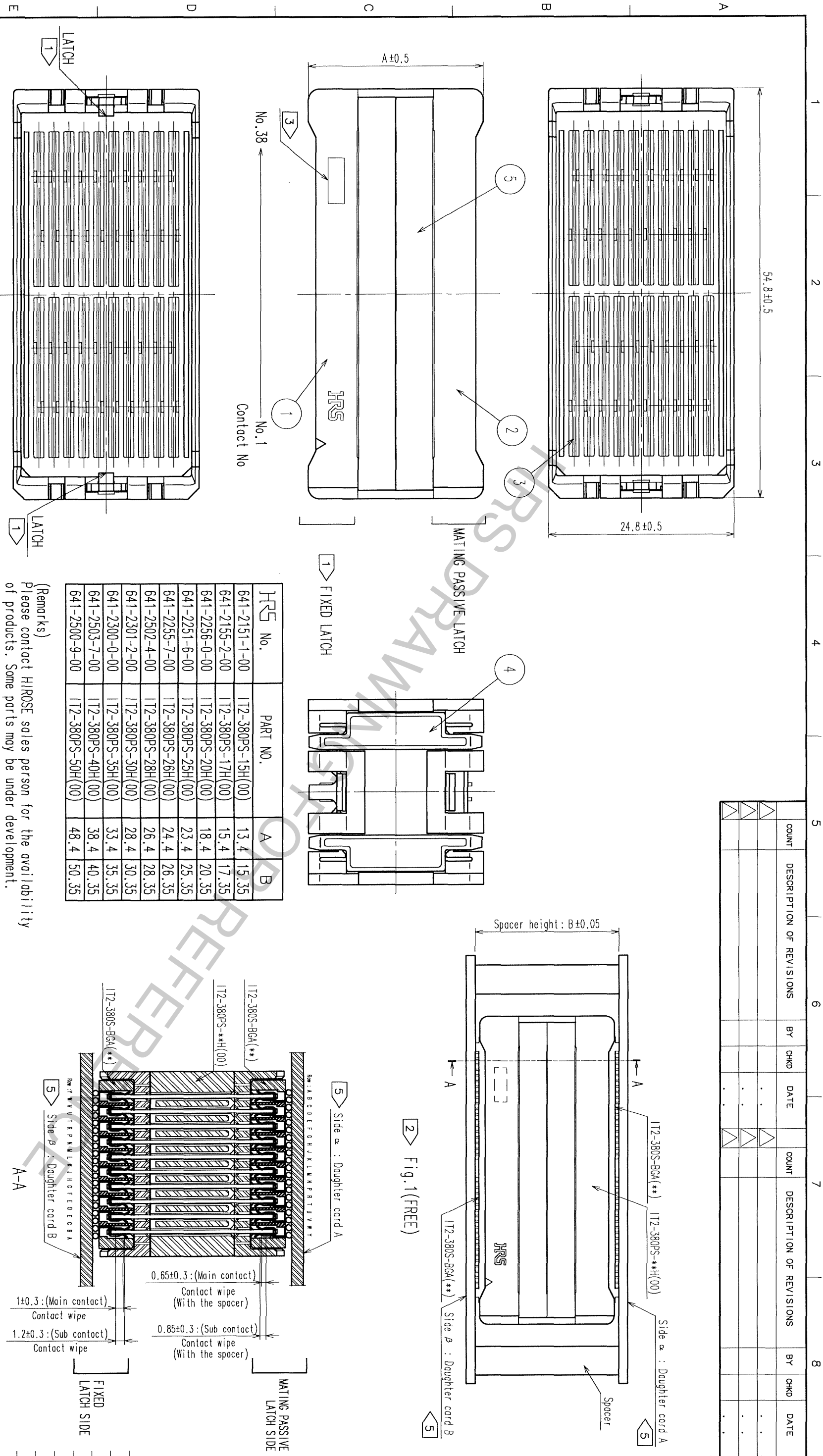
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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE



NOTE. 1 Once fixing part is mated with the receptacle: 112-380S-BGA(**), it is not detachable because the receptacle catches on the latch.

2 This product consists of 180 signal lines and 200 ground lines. The Fig.1 shows the recommended spacer height and how those signal lines and ground lines are arranged and matched in a practical use.

3 Lot No. shall be marked on one of the two indicated positions.
4. White remainings of sealing lubricant might be found on the surface of the part ④ or part ⑤.

5 The remainings do not affect the connector's performance.
6. The indicated daughter cord A and cord B shall be fastened to the additional reinforcements to prevent the stress on 112-380S-BGA(**) solder joints.

Details are shown in Fig.1 design guideline(ETAD-F0276)J.

5	PBT	BLACK	UL94V-0	4	PBT	BLACK	UL94V-0
2	PBT	GRAY	UL94V-0	3	GLASS-EPOXY:FR-4	CONTACT AREA: NICKEL (3μm) + GOLD (0.2μm)	
1	PBT	BLACK	UL94V-0		OTHERS : SOLDER RESIST		
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS		
CODE NO. (OLD)	CL	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
		H. Saitou	H. Saitou	A. Saitou	A. Saitou		
		07.01.19	07.01.19	07.01.24	07.01.25		
SCALE	2 : 1	DRAWING NO.	EDC3-156711-02	PART NO.	112-380PS-*H(00)		
UNITS	mm						
		HRS	HIROSE ELECTRIC CO., LTD	CODE NO.	CL641		

TO

○ : Signal ● : Ground



TO				
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Contact No.	Row	SIDE
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37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row A	SIDE- α
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row W	SIDE- β

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row B	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	SIDE- β
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row Y	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row C	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row U	SIDE- β

Row D	Side- α
38	34
36	32
34	30
32	28
30	26
28	24
26	22
24	20
22	18
20	16
18	14
16	12
14	10
12	8
10	6
8	4
6	2
4	2
2	2

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row E	SLIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row R	SLIDE- β

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row F	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row T	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row G	SIDE- α
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row N	

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row H	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row P	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row J	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row L	SIDE- β

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row K	SIDE- α
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Row M
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2		SIDE- β

Contact No.	Row	Side
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37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row L	SIDE- α
																				SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row J	

Row M	SIDE- α
38	2
36	4
34	2
32	4
30	2
28	4
26	2
24	4
22	2
20	4
18	2
16	4
14	2
12	4
10	2
8	4
6	2
4	4
2	2

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row N	SIDE- α
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row G	

36	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row P	SIDE- α
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row H	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row R	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Row E	SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1		

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row T	SIDE- α
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row F	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row U	SIDE- α
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIDE- β
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row C	

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row V	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	SIDE- β
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row D	SIDE- β

37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row W	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	Row A	SIDE- β

38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row Y	SIDE- α
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	Row B	SIDE- β

Contact No.	Row	SIDE
9 17 15 13 11 9 7 5 3 1 9 17 15 13 11 9 7 5 3 1	Row A Row W	SIDE-α SIDE-β
8 16 14 12 10 8 6 4 2 18 16 14 12 10 8 6 4 2	Row B Row Y	SIDE-α SIDE-β
9 17 15 13 11 9 7 5 3 1 9 17 15 13 11 9 7 5 3 1	Row C Row U	SIDE-α SIDE-β
18 16 14 12 10 8 6 4 2 18 16 14 12 10 8 6 4 2	Row D Row V	SIDE-α SIDE-β
9 17 15 13 11 9 7 5 3 1 9 17 15 13 11 9 7 5 3 1	Row E Row R	SIDE-α SIDE-β
18 16 14 12 10 8 6 4 2 18 16 14 12 10 8 6 4 2	Row F Row T	SIDE-α SIDE-β
9 17 15 13 11 9 7 5 3 1 9 17 15 13 11 9 7 5 3 1	Row G Row N	SIDE-α SIDE-β
18 16 14 12 10 8 6 4 2 18 16 14 12 10 8 6 4 2	Row H Row P	SIDE-α SIDE-β
9 17 15 13 11 9 7 5 3 1 9 17 15 13 11 9 7 5 3 1	Row J Row L	SIDE-α SIDE-β
18 16 14 12 10 8 6 4 2 18 16 14 12 10 8 6 4 2	Row K Row M	SIDE-α SIDE-β

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Contact No.
37 35 33 31 29 27 25 23 21 19 17 15 37 35 33 31 29 27 25 23 21 19 17 15
38 36 34 32 30 28 26 24 22 20 18 16 14 38 36 34 32 30 28 26 24 22 20 18 16 14
37 35 33 31 29 27 25 23 21 19 17 15 37 35 33 31 29 27 25 23 21 19 17 15
38 36 34 32 30 28 26 24 22 20 18 16 14 38 36 34 32 30 28 26 24 22 20 18 16 14
37 35 33 31 29 27 25 23 21 19 17 15 37 35 33 31 29 27 25 23 21 19 17 15
38 36 34 32 30 28 26 24 22 20 18 16 14 38 36 34 32 30 28 26 24 22 20 18 16 14

CODE NO. (OLD)		DRAWN		DESIGNED		CHECKED		APPROVED		RELEASED	
CL		H. Saitou 07.01.19		H. Saitou 07.01.19		J. Saitou 07.01.24		K. Saitou 07.01.25		.	
CL		DRAWING NO.		PART NO.							
SCALE		EDC3-156711-02		IT2-380PS-*(H(00)							
FREE											
UNITS											
mm		HRS		HIROSE ELECTRIC CO., LTD		CL641				3	