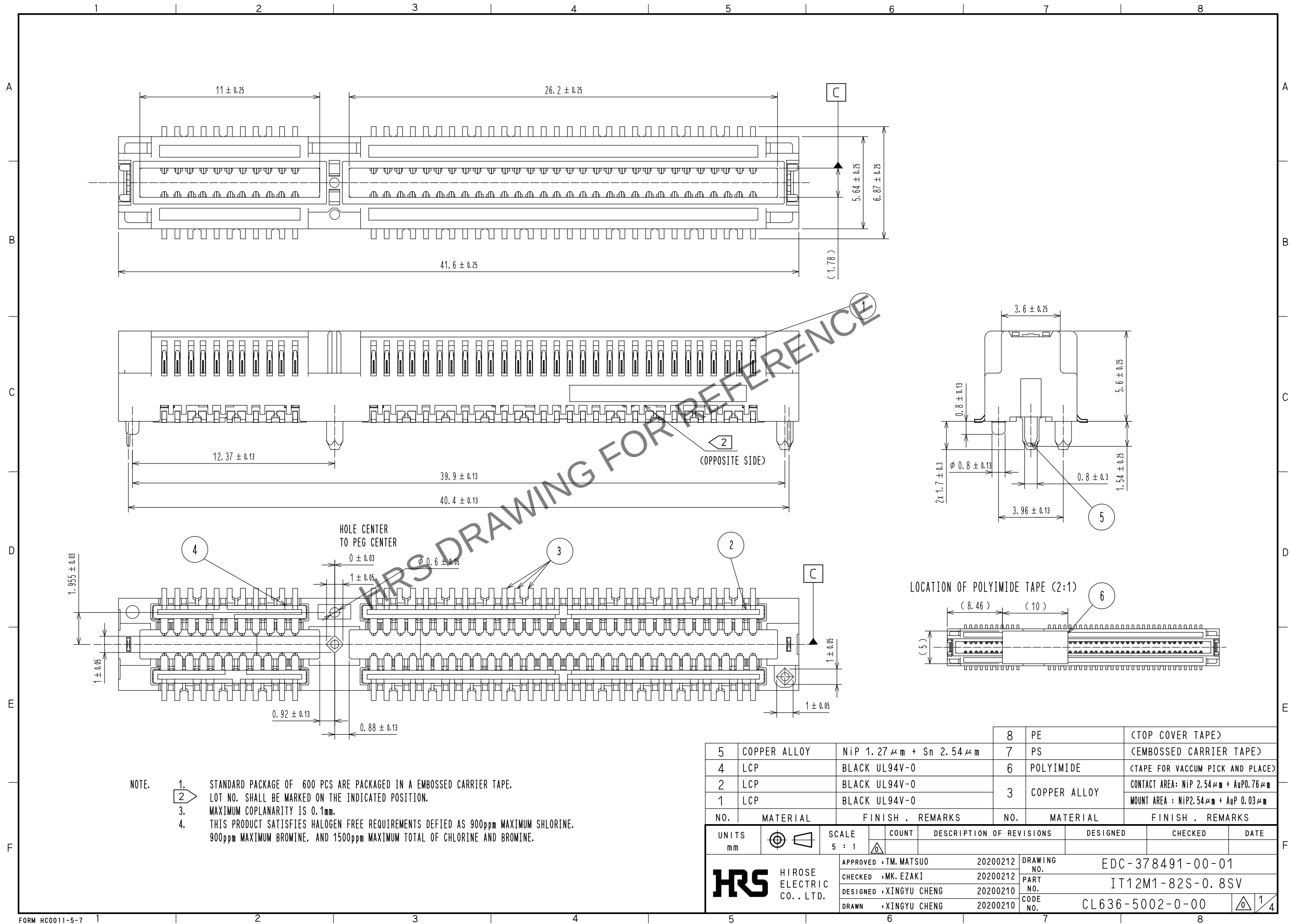


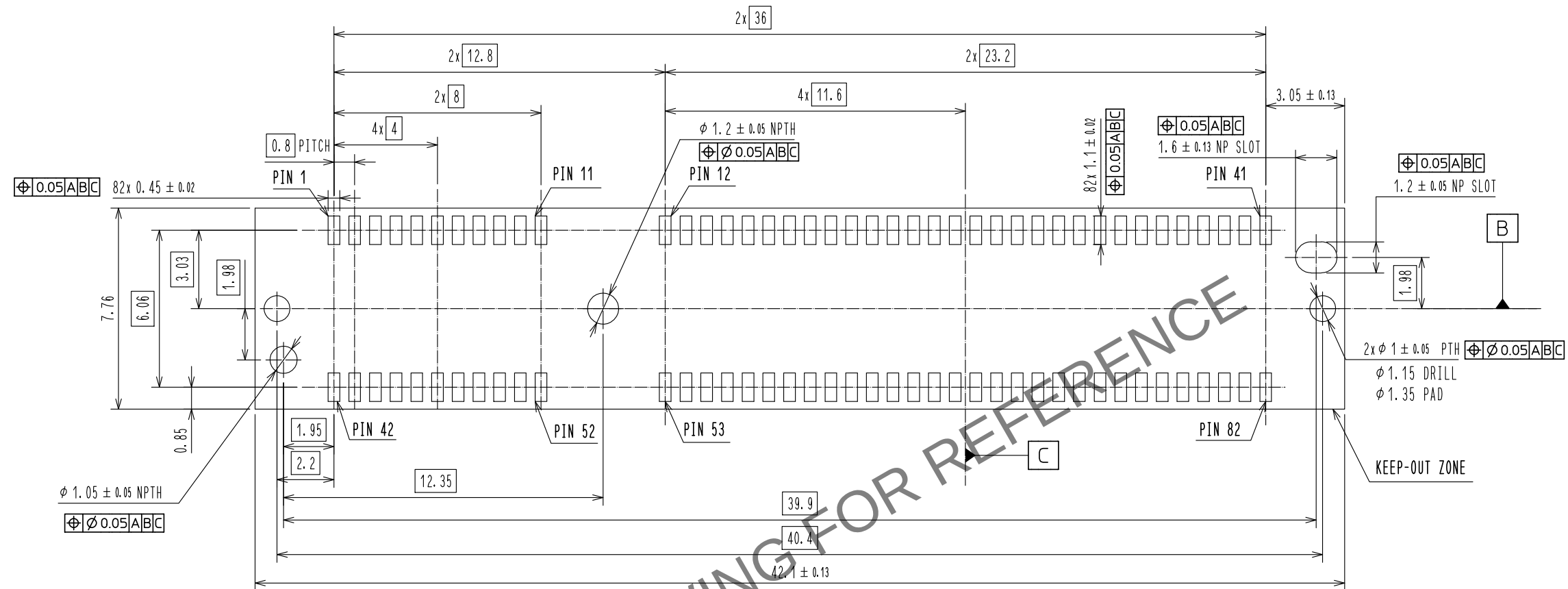
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.11 MIN
DATUM A IS THE BOTTOM SURFACE OF THE PCB



Pin configuration

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Pin configuration	G	S	S	G	S	S	G	S	S	G	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E
Pin No.	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
Pin configuration	E	G	S	S	G	S	S	G	S	S	G	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G

S: SIGNAL G:GROUND E:EXTRA

NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION

HRS

DRAWING NO.	EDC-378491-00-01
PART NO.	IT12M1-82S-0.8SV
CODE NO.	CL636-5002-0-00

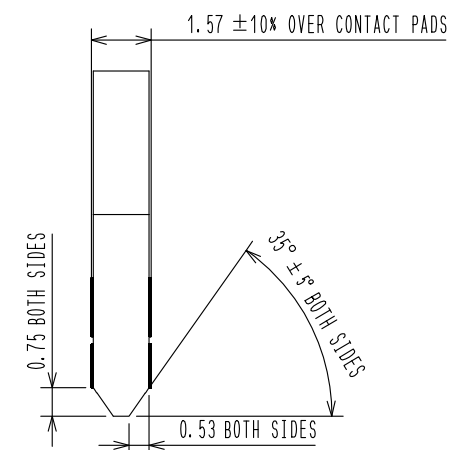
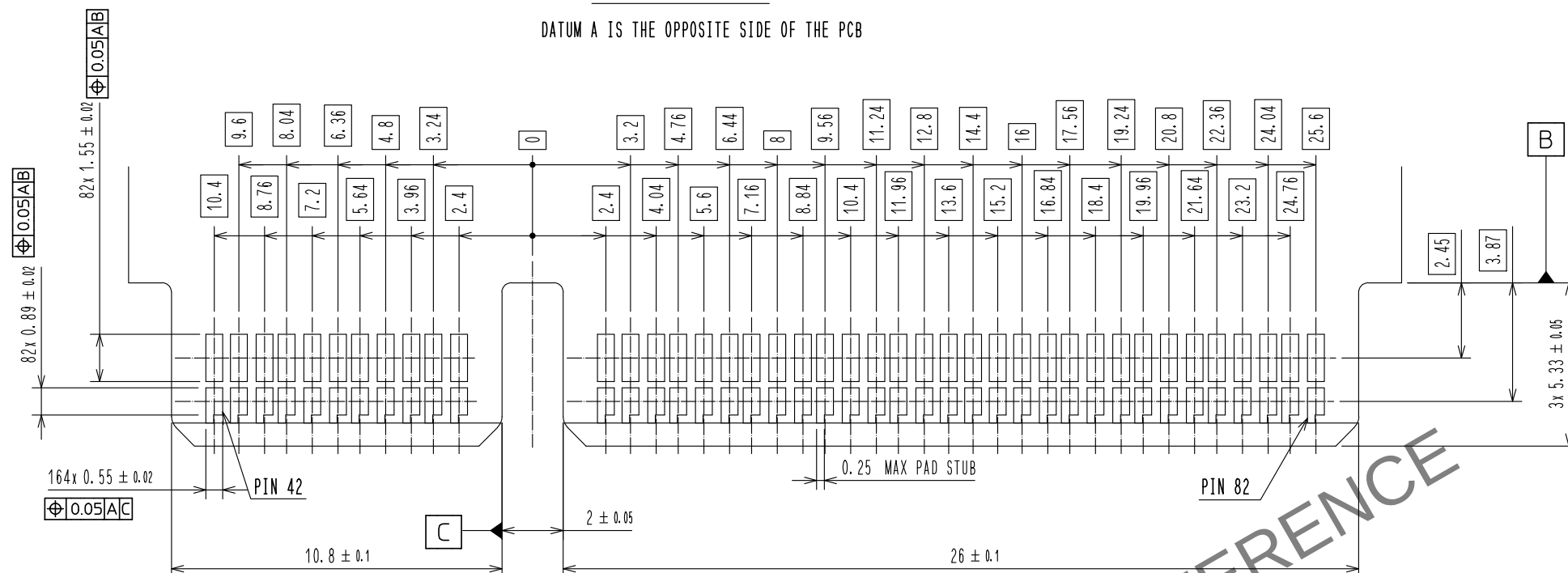
2/4

May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

EDGECARD LAYOUT

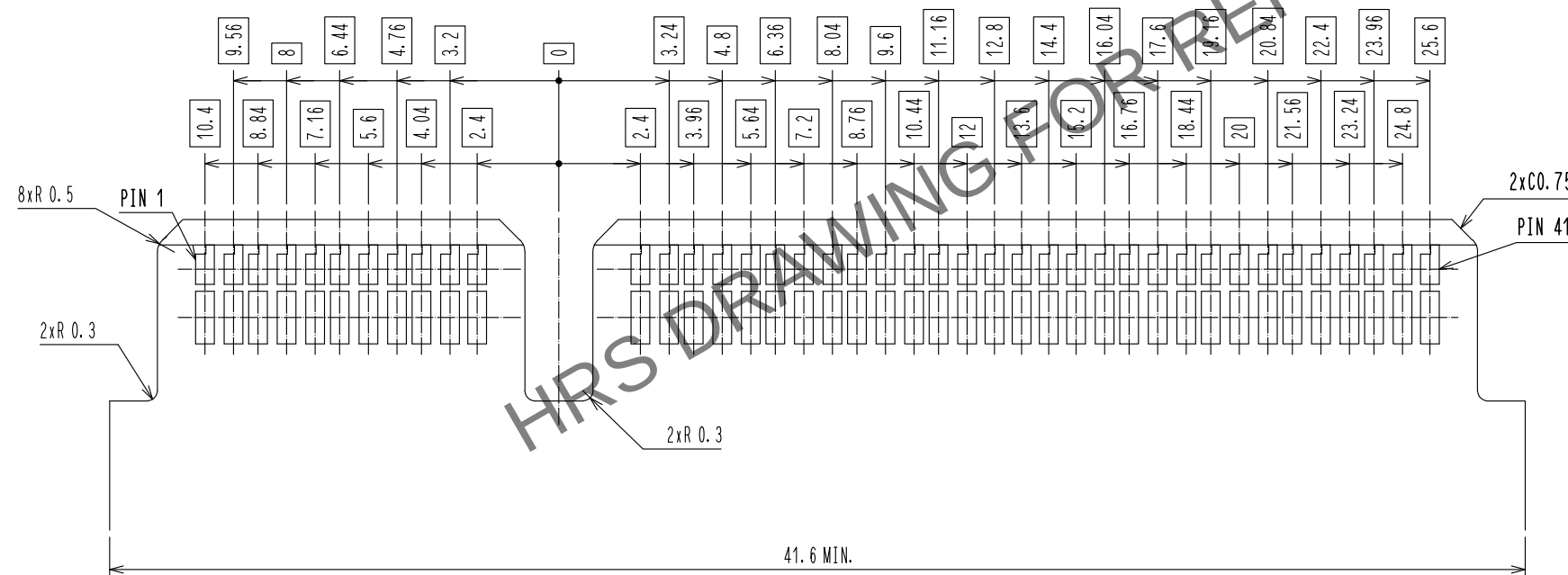
FRONT SIDE

DATUM A IS THE OPPOSITE SIDE OF THE PCB



BACK SIDE

DATUM A IS THE OPPOSITE SIDE OF THE PCB



Pin configuration

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Pin configuration	G	S	S	G	S	S	G	S	S	G	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E
Pin No.	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
Pin configuration	E	G	S	S	G	S	S	G	S	S	G	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G

S: SIGNAL G:GROUND E:EXTRA

NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- EDGE CARD SHOULDERS STOP ON RECEPTACLE SHOULDERS. EDGE CARD BOTTOM DOES NOT CONTACT RECEPTACLE PCB.
- PAD SET BACK FROM CHAMFER ENOUGH TO ACCOMODATE LARGEST CHMFER WITHOUT DAMAGE TO PAD EDGE.
- CHAMFER DEPTH SHOULD BE AS LARGE AS PRACTICAL TO ENSURE CORRECT MATING TO THE RECEPTACLE.
- ALL CHAMFERED EDGES SHOULD BE ROUNDED WHERE POSSIBLE.
- INTERNAL PLATING BRIDGES ARE PREFERRED TO ELIMINATE PAD STUB.

HRS

DRAWING NO.	EDC-378491-00-01
PART NO.	IT12M1-82S-0.8SV
CODE NO.	CL636-5002-0-00

3/4

