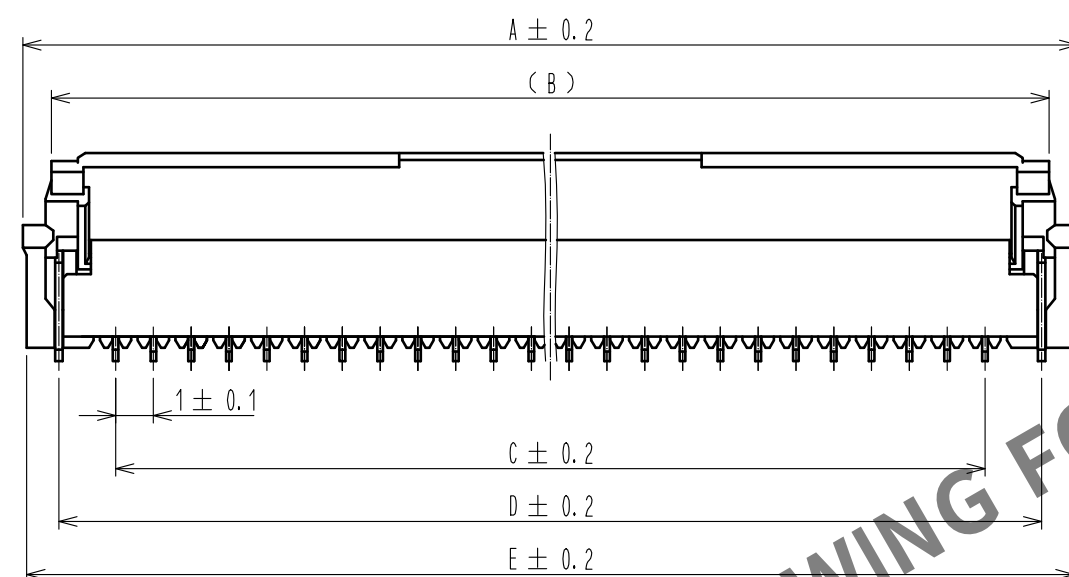
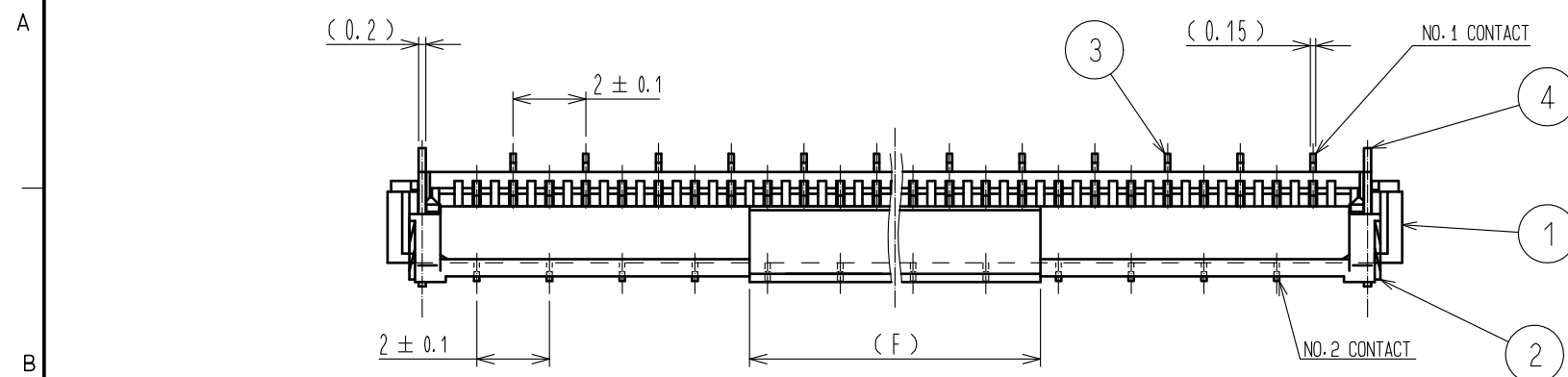


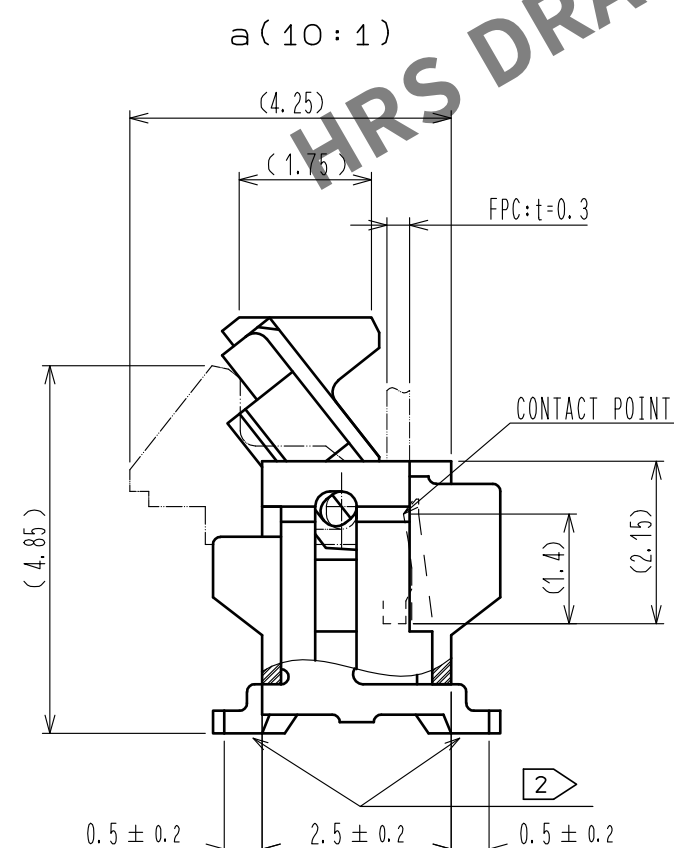
NOTE 1 THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

2 LEAD CO-PLANARITY SHALL BE 0.1 MAX.

3 SEE DIMENSION TABLE IN THE APPENDIX.

4 DIFFERENCES OF THE GOLD PLATED AREA DO NOT INFLUENCE ON THE PRODUCT PERFORMANCE.

5 'n' REPRESENTS THE NUMBER OF CONTACTS.



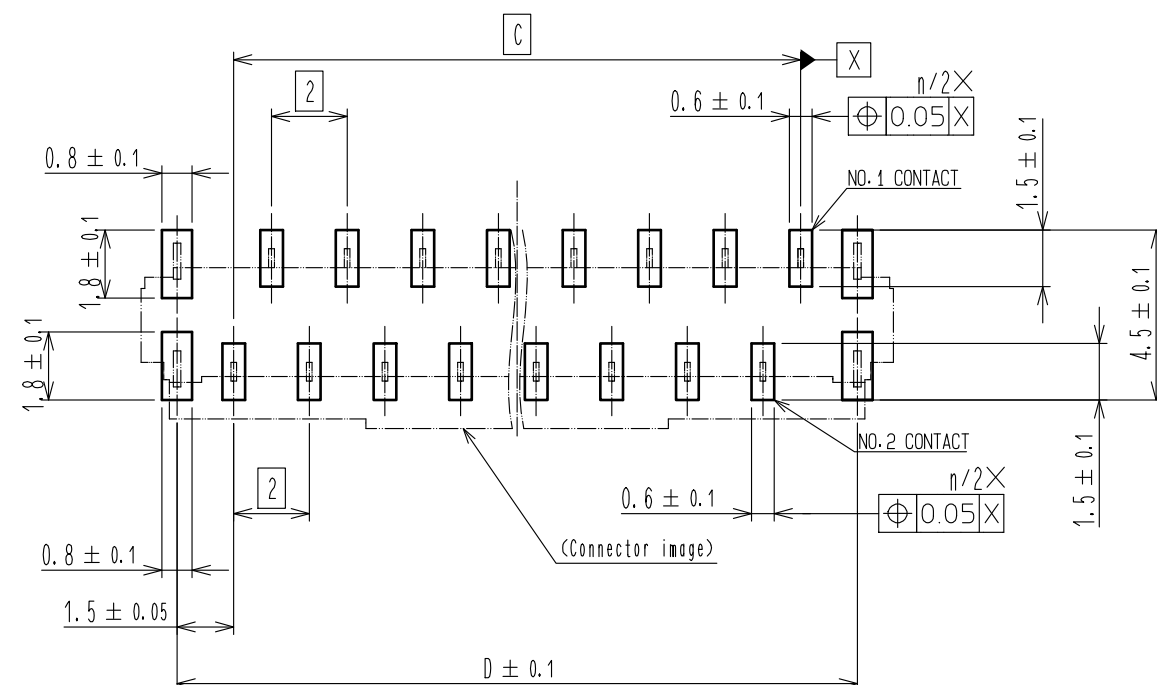
3	PHOSPHOR BRONZE	(CONTACT AREA, LEAD) GOLD PLATING 0.05μMIN OVER NICKEL 1μMIN (OTHER) NICKEL PLATING 1μMIN	8 7 6	(CONNECTOR) POLYSTYRENE POLYESTER	
2	PPS	(DEEP BROWN) UL94V-0	5	POLYSTYRENE	
1	PA	(BEIGE) UL94V-0	4	BRASS	TIN PLATING 1μMIN OVER NICKEL 1μMIN.
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS

UNITS mm		SCALE 5 : 1	COUNT 7	DESCRIPTION OF REVISIONS DIS-F-00004925	DESIGNED SE. YOKOYAMA	CHECKED HS. SAKAMOTO	DATE 20190711
HIROSE ELECTRIC CO., LTD.		APPROVED : NF. MIYAZAKI	20150916	DRAWING NO. EDC-366184-00-00			
		CHECKED : HS. SAKAMOTO	20150915	PART NO. FH12- * * S-1SVA(54)			
		DESIGNED : SG. MASAKI	20150915	CODE NO. CL586			
		DRAWN : SG. MASAKI	20150915	1			

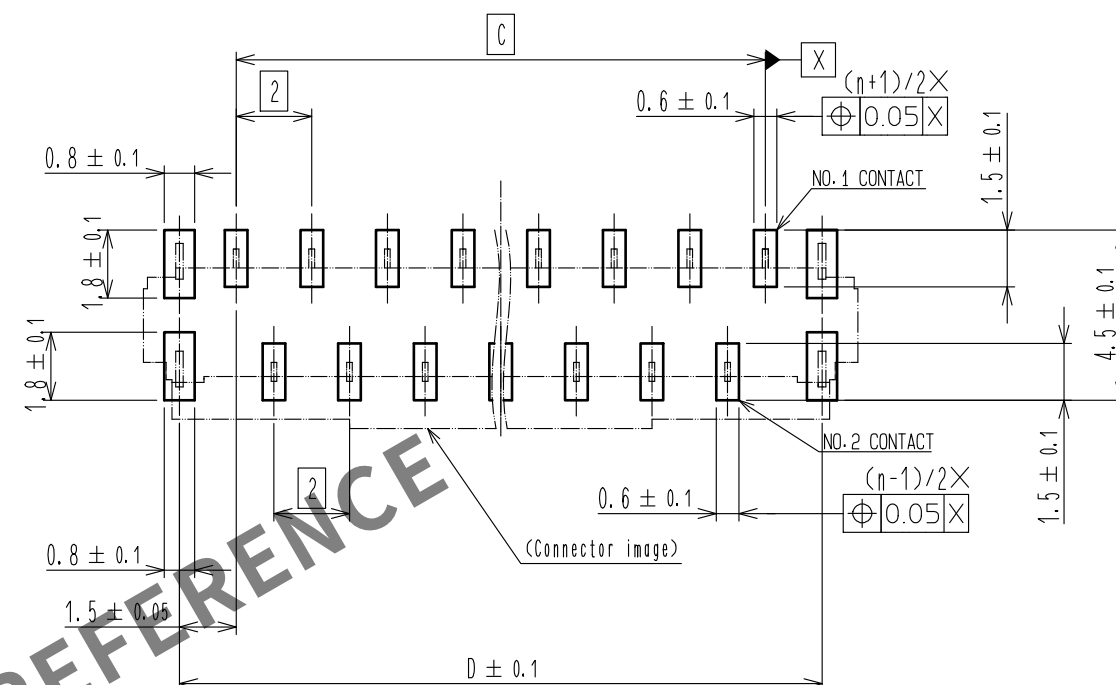
Oct.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

RECOMMENDED PCB MOUNTING PATTERN

NUMBER OF CONTACTS: EVEN NUMBER

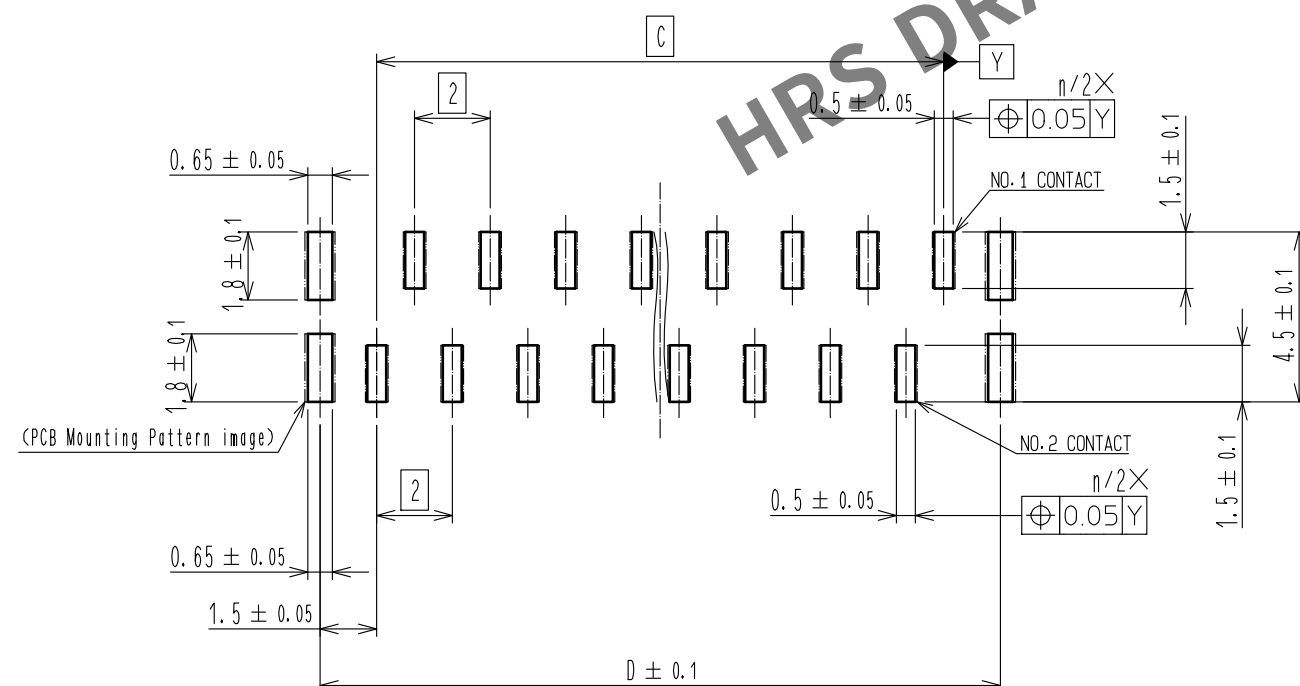


NUMBER OF CONTACTS: ODD NUMBER

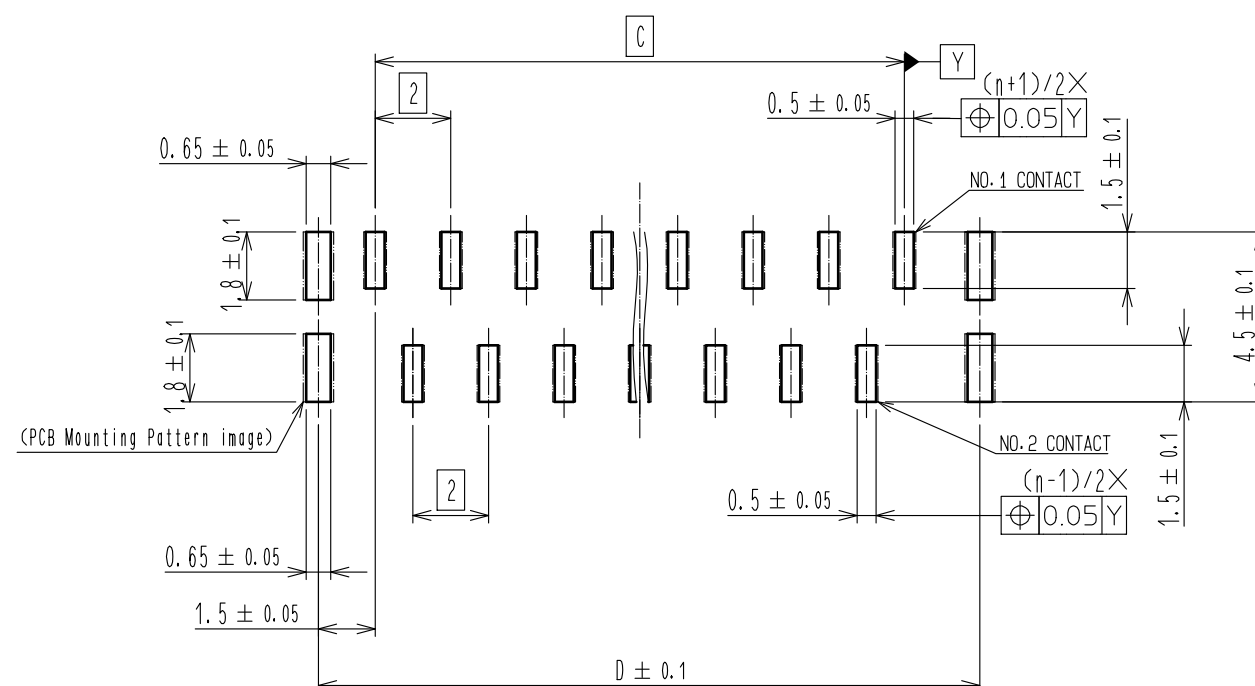


RECOMMENDED STENCIL PATTERN (RECOMMENDED STENCIL THICKNESS : $t=0.15$)

NUMBER OF CONTACTS: EVEN NUMBER



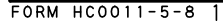
NUMBER OF CONTACTS: ODD NUMBER

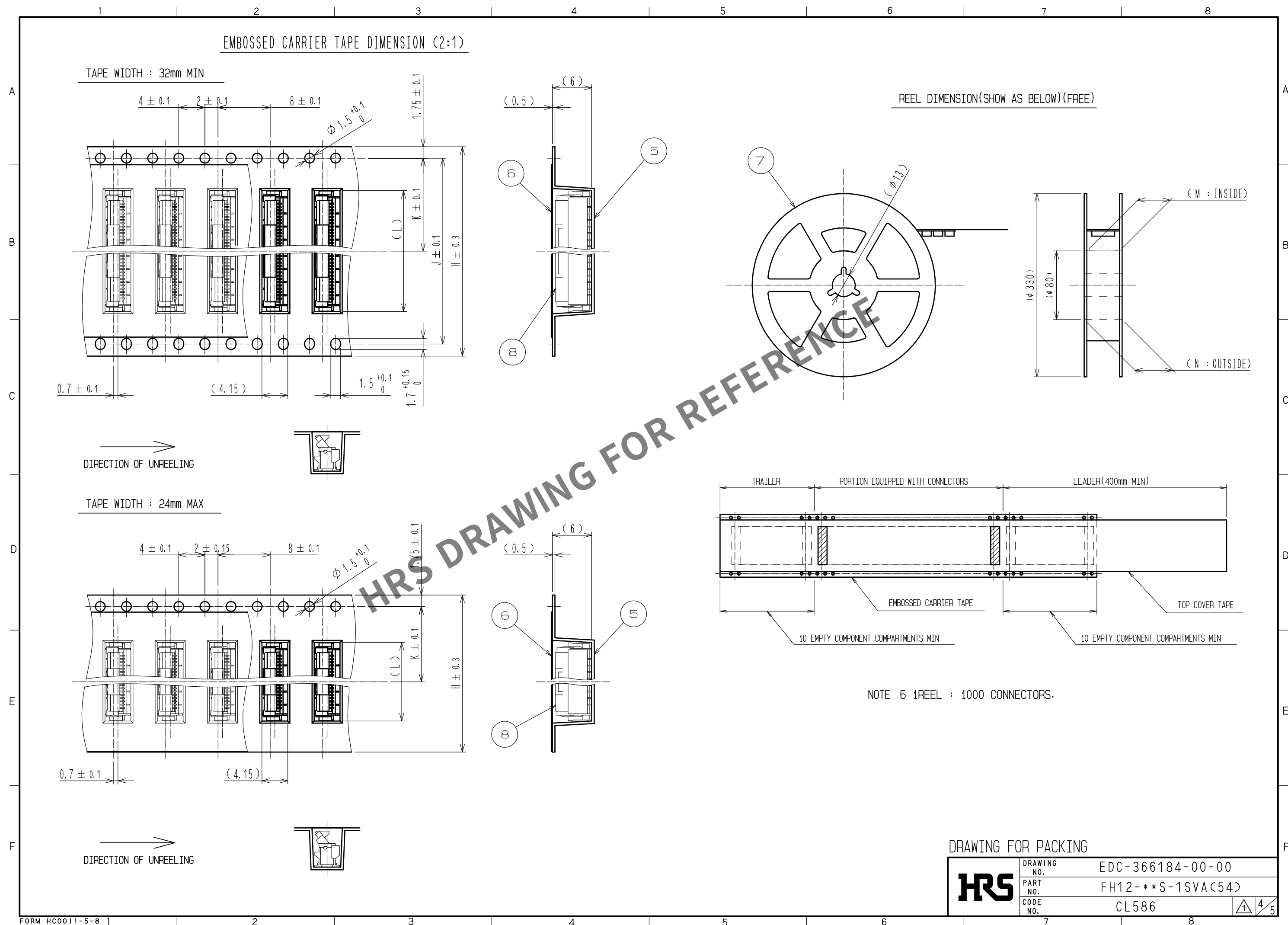


HRS

DRAWING NO.	EDC-366184-00-00
PART NO.	FH12-**S-1SVA(54)
CODE NO.	CL586

2/5

**HRS**



Oct.1.2025 Copyright 2025 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.

	PART NO.	CODE NO.	NUMBER OF CONTACTS	DIMENSION TABLE OF CONNECTOR, FPC, FFC, PCB MOUNTING PATTERN AND STENCIL PATTERN							DIMENSION TABLE OF DRAWING FOR PACKING					
				A	B	C	D	E	F	G	H	J	K	L	M	N
△1	FH12- 6S-1SVA(54)	CL586-0822-0-54	6	9.9	8.4	5	8	9.7	4	7	24	—	11.5	10	25.4	29.4
△1	FH12- 7S-1SVA(54)	CL586-0823-0-54	7	10.9	9.4	6	9	10.7	4	8	24	—	11.5	11	25.4	29.4
△1	FH12- 8S-1SVA(54)	CL586-0824-0-54	8	11.9	10.4	7	10	11.7	4	9	24	—	11.5	12	25.4	29.4
△1	FH12-16S-1SVA(54)	CL586-0825-0-54	16	19.9	18.4	15	18	19.7	8	17	32	28.4	14.2	20	33.4	37.4
△1	FH12-20S-1SVA(54)	CL586-0826-0-54	20	23.9	22.4	19	22	23.7	8	21	44	40.4	20.2	24	45.4	49.4
△1	FH12-22S-1SVA(54)	CL586-0827-0-54	22	25.9	24.4	21	24	25.7	8	23	44	40.4	20.2	26	45.4	49.4
△1	FH12-24S-1SVA(54)	CL586-0828-0-54	24	27.9	26.4	23	26	27.7	8	25	44	40.4	20.2	28	45.4	49.4

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-366184-00-00	
	PART NO.	FH12- **S-1SVA(54)	
	CODE NO.	CL586	△1 5/5