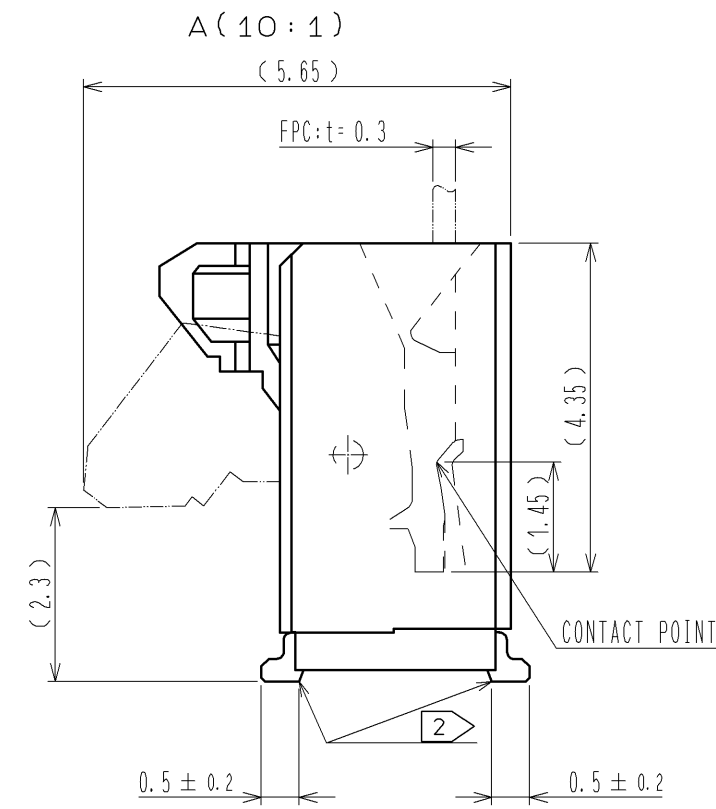
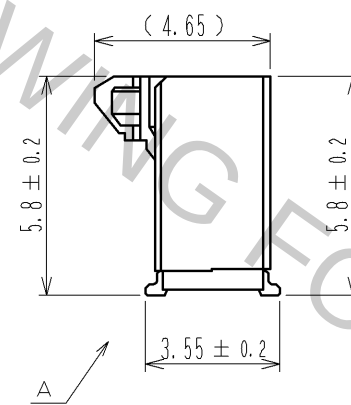
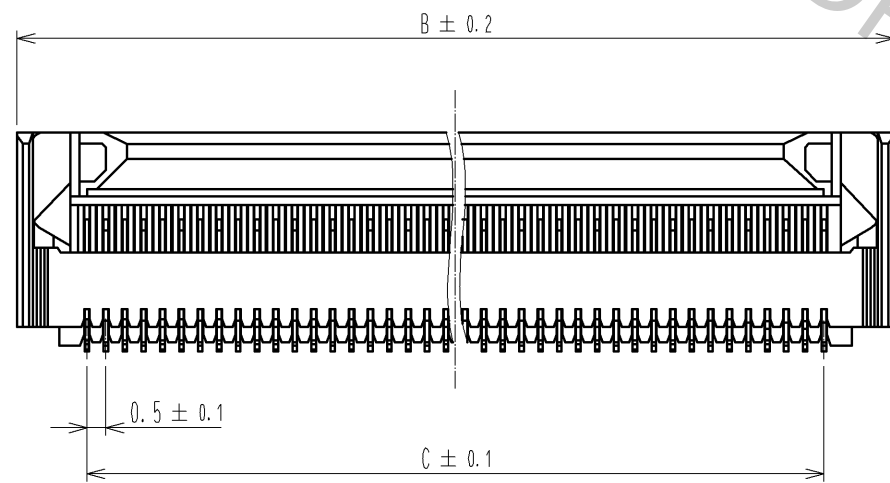
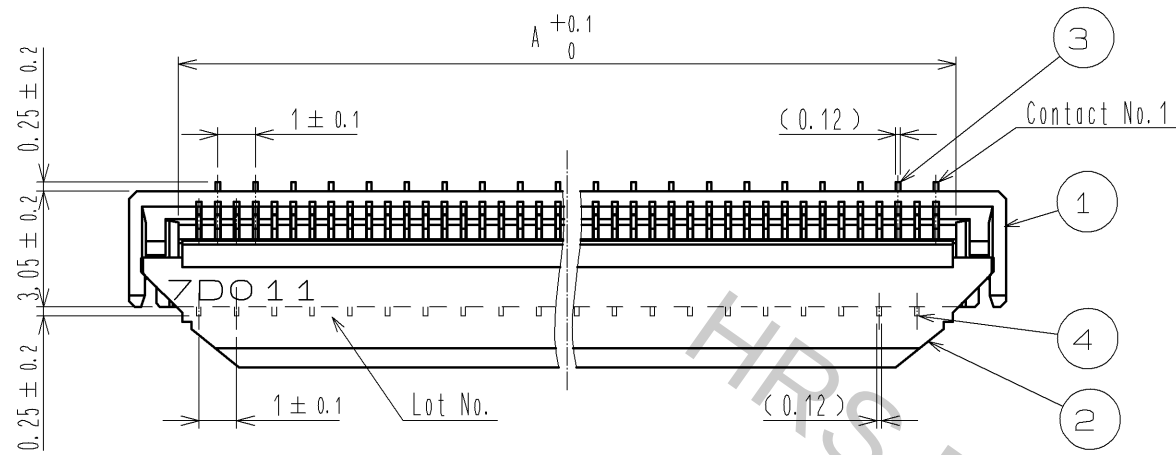


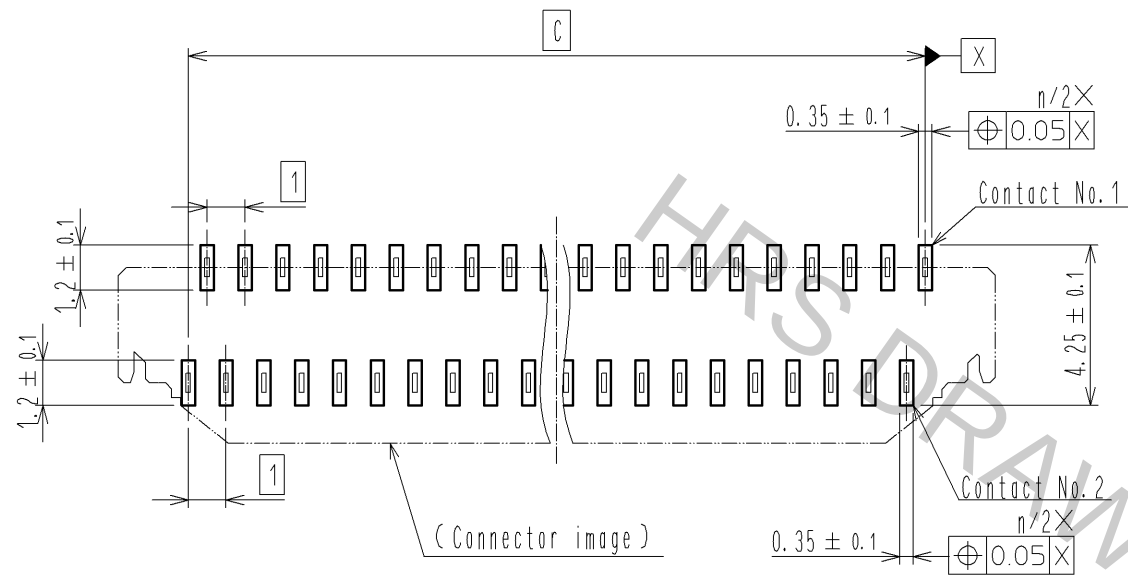


- NOTES 1. The dimension in parentheses are for reference.
2. Lead CO-PLANARITY shall be 0.1 MAX.
3. See dimension table in the appendix.
4. This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500ppm maximum total of chlorine and bromine.
5. 'n' represents the number of contacts.

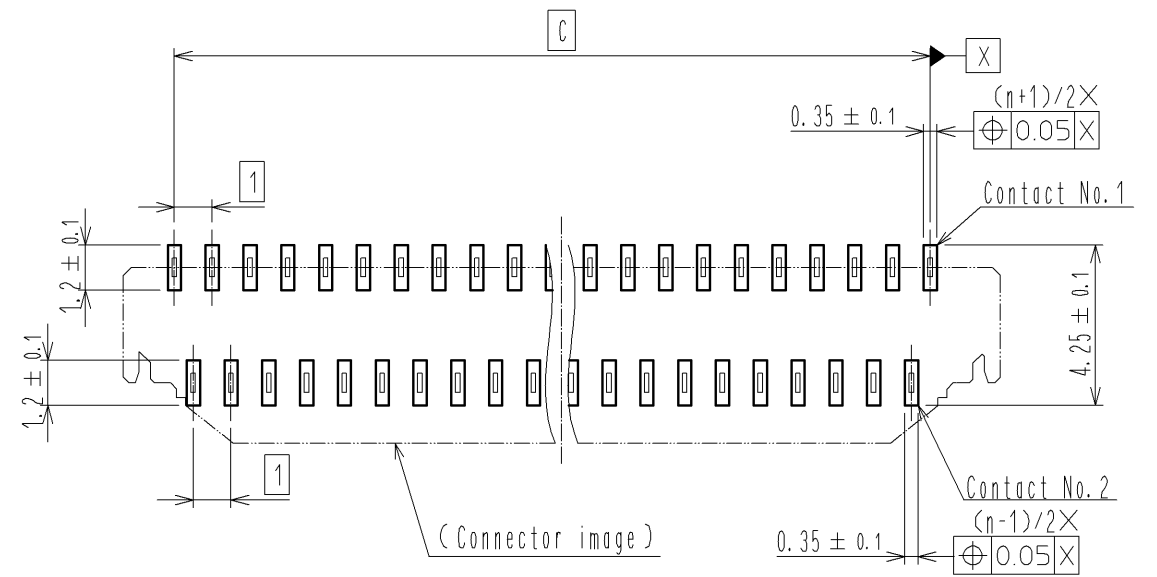
4	PHOSPHOR BRONZE	(CONTACT AREA: LEAD) GOLD PLATING 0.05μm MIN. OVER NICKEL 1μm MIN. (OTHER) NICKEL 1μm MIN.			
3	PHOSPHOR BRONZE	(CONTACT AREA: LEAD) GOLD PLATING 0.05μm MIN. OVER NICKEL 1μm MIN. (OTHER) NICKEL 1μm MIN.	8	(CONNECTOR)	
2	LCP	(BLACK) UL94V-0	7	POLYSTYRENE	
1	LCP	(BEIGE) UL94V-0	6	POLYESTER	
			5	POLYSTYRENE	
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 5 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED CHECKED DATE
	HIROSE ELECTRIC CO., LTD.	APPROVED : NF. MIYAZAKI CHECKED : HS. SAKAMOTO DESIGNED : RT. IKEDA DRAWN : RK. OGASAWARA	14.12.24 14.12.24 14.12.24 14.12.22	DRAWING NO. PART NO. CODE NO.	EDC3-159298-05 FH40-**S-0.5SV CL580

RECOMMENDED PCB MOUNTING PATTERN

NUMBER OF CONTACTS: EVEN NUMBER

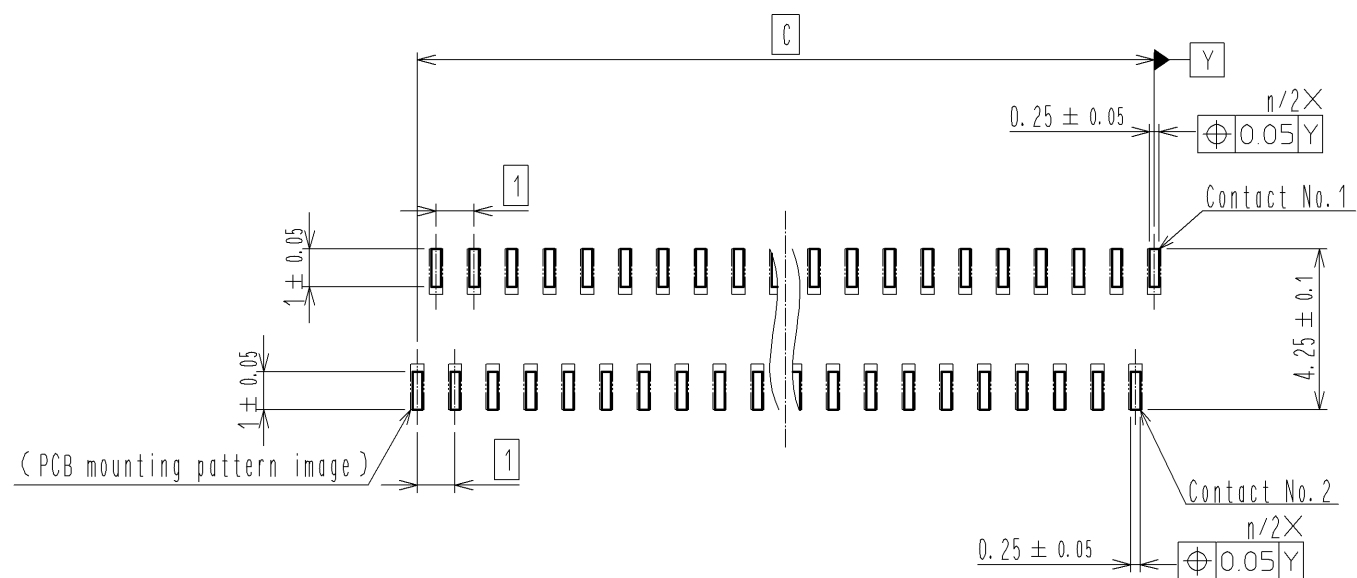


NUMBER OF CONTACTS: ODD NUMBER

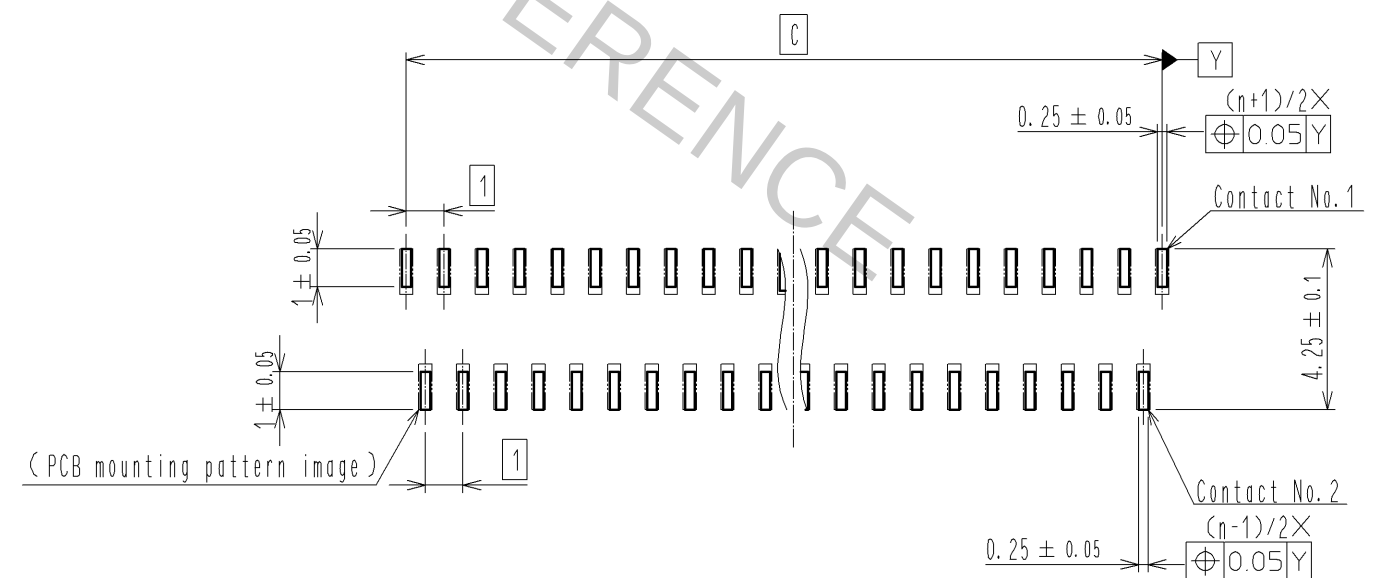


RECOMMENDED STENCIL PATTERN
(RECOMMENDED STENCIL THICKNESS : $t=0.15$)

NUMBER OF CONTACTS: EVEN NUMBER

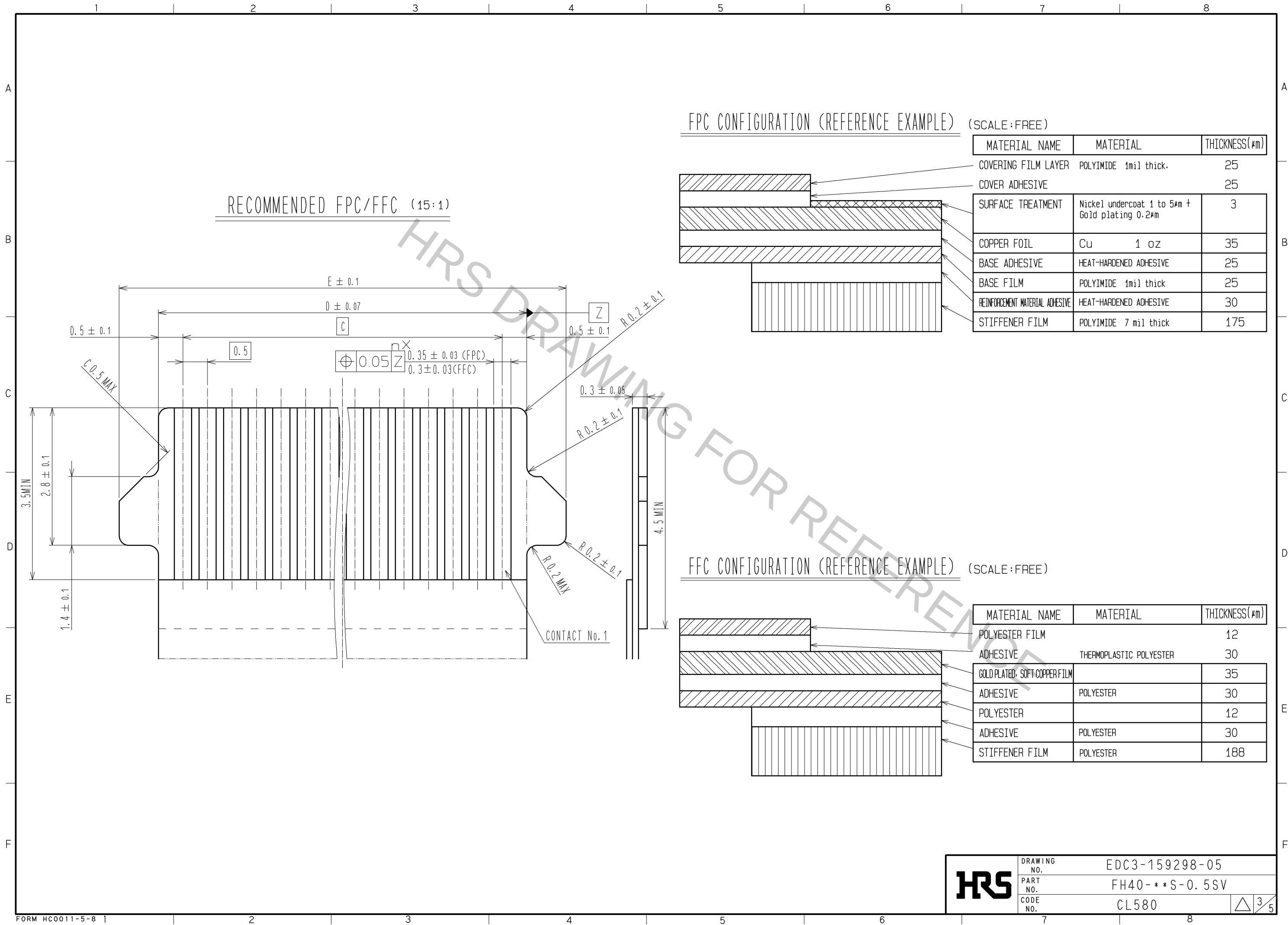


NUMBER OF CONTACTS: ODD NUMBER



HRS	DRAWING NO.	EDC3-159298-05	
	PART NO.	FH40-**S-0.5SV	
	CODE NO.	CL580	△ 2/5

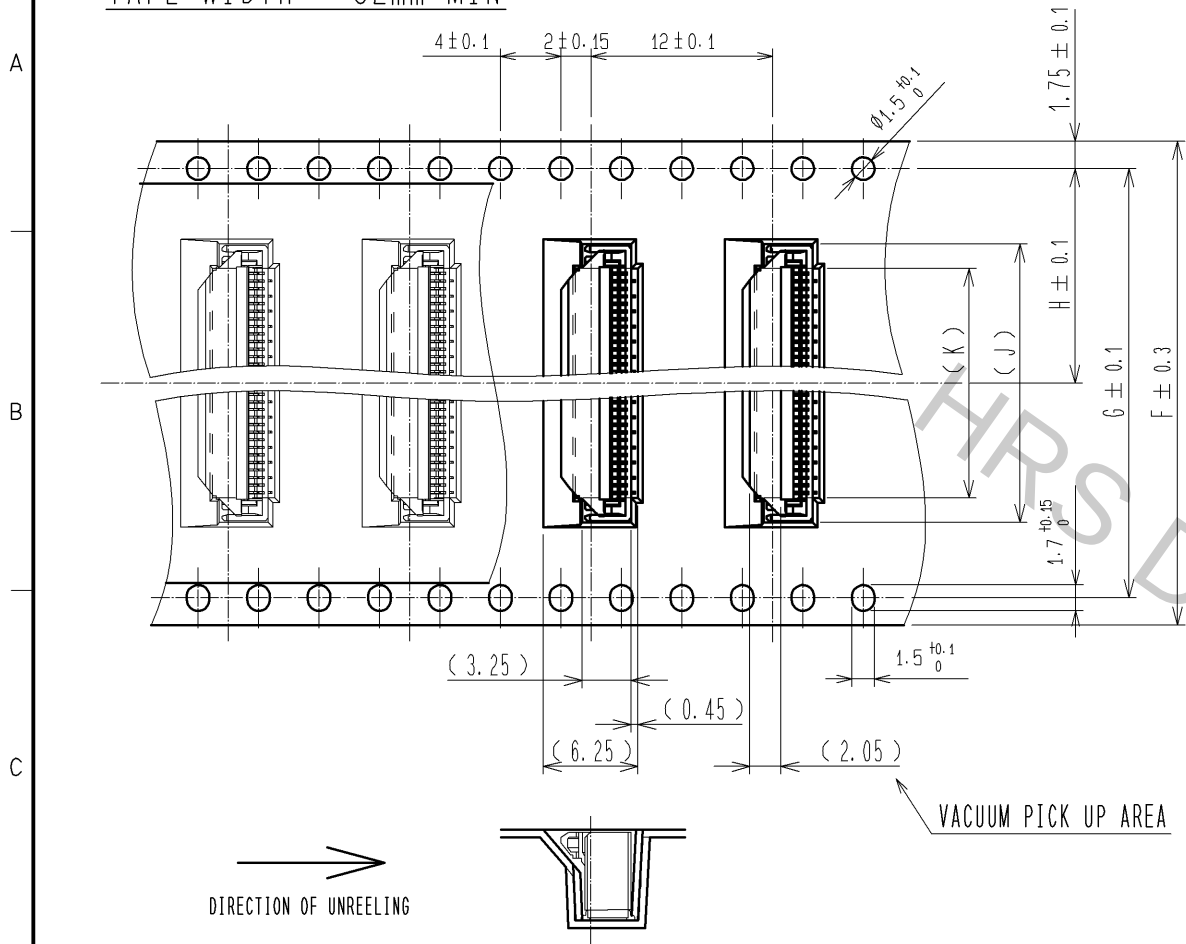
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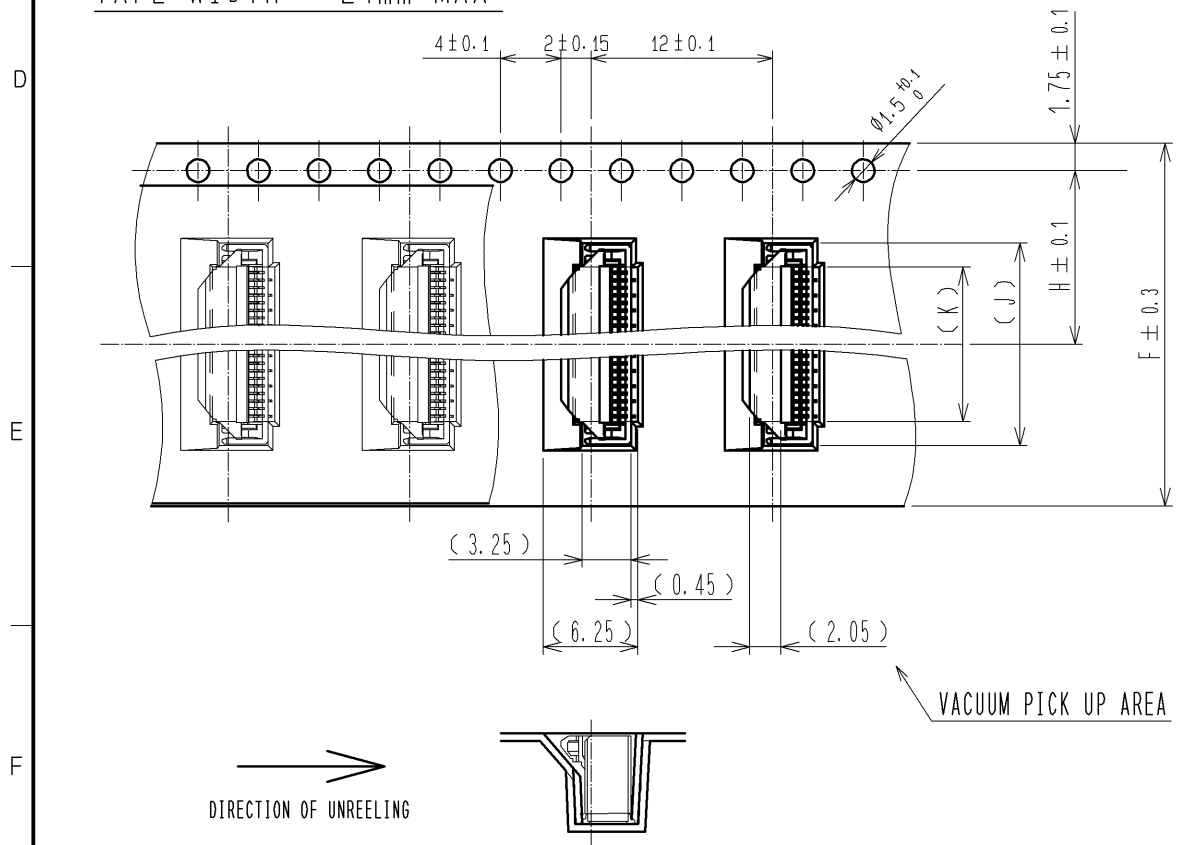
Feb.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

EMBOSSED CARRIER TAPE DIMENSION (2:1)

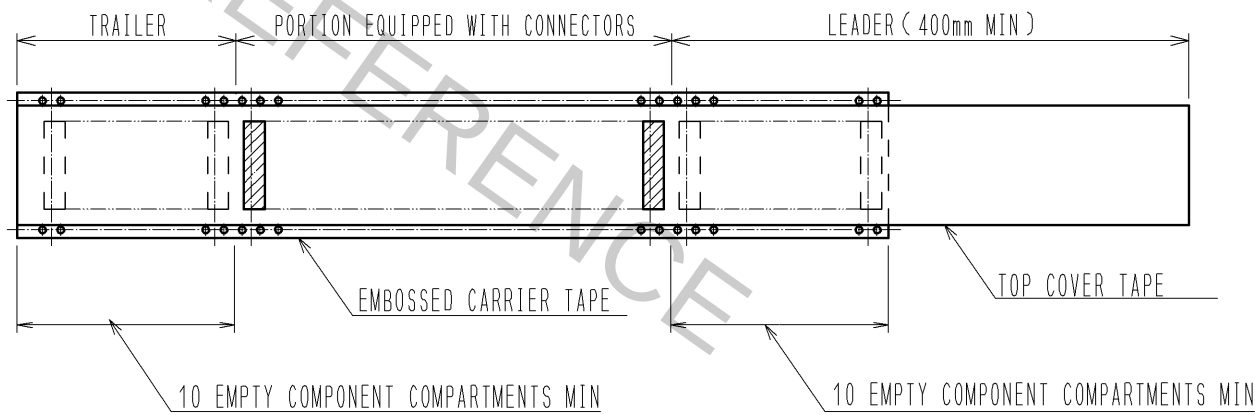
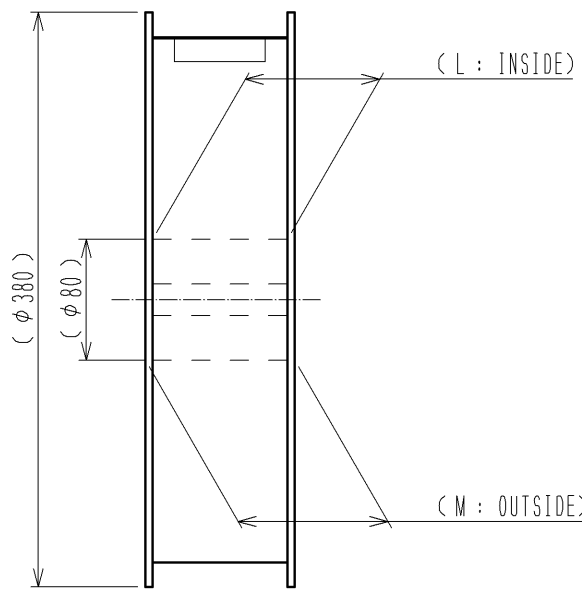
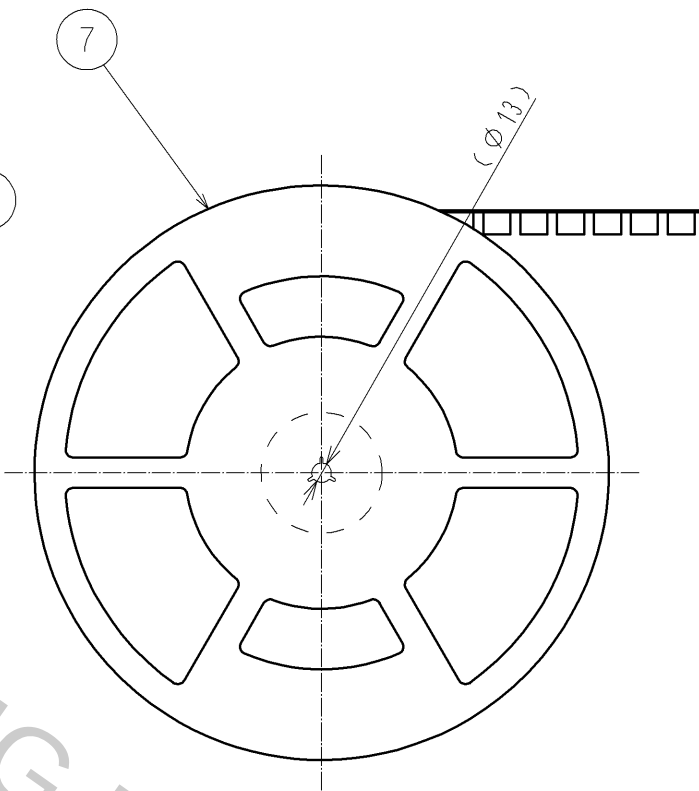
TAPE WIDTH : 32mm MIN



TAPE WIDTH : 24mm MAX



REEL DIMENSIONS (No Scale)



- NOTES
- 6. 1 reel : 1000 connectors.
 - 7. Refer to JIS C 0806. (Packaging of components for automatic handling.)
 - 8. See dimension table in the appendix.

<DRAWING FOR PACKING>

HRS	DRAWING NO.	EDC3-159298-05
	PART NO.	FH40-**S-0.5SV
	CODE NO.	CL580
		4/5

PART NO.	CODE NO.	NUMBER OF CONTACT	DIMENSION OF CONNECTOR, PCB MOUNTING PATTERN, STENCIL PATTERN AND FFC/FPC					DIMENSION OF DRAWING FOR PACKING						
			A	B	C	D	E	F	G	H	J	K	L	M
FH40-10S-0.5SV	CL580-2104-6	10	5.57	8.2	4.5	5.5	7.1	16	—	7.5	8.4	5.2	17.4	21.4
FH40-20S-0.5SV	CL580-2105-9	20	10.57	13.2	9.5	10.5	12.1	24	—	11.5	13.4	10.2	25.4	29.4
FH40-24S-0.5SV	CL580-2106-1	24	12.57	15.2	11.5	12.5	14.1	24	—	11.5	15.4	12.2	25.4	29.4
FH40-30S-0.5SV	CL580-2108-7	30	15.57	18.2	14.5	15.5	17.1	32	28.4	14.2	18.4	15.2	33.4	37.4
FH40-40S-0.5SV	CL580-2107-4	40	20.57	23.2	19.5	20.5	22.1	44	40.4	20.2	23.4	20.2	45.4	49.4
FH40-45S-0.5SV	CL580-2101-8	45	23.07	25.7	22	23	24.6	44	40.4	20.2	25.9	22.7	45.4	49.4
FH40-50S-0.5SV	CL580-2100-5	50	25.57	28.2	24.5	25.5	27.1	44	40.4	20.2	28.4	25.2	45.4	49.4
FH40-60S-0.5SV	CL580-2109-0	60	30.57	33.2	29.5	30.5	32.1	56	52.4	26.2	33.4	30.2	57.4	61.4
FH40-64S-0.5SV	CL580-2102-0	64	32.57	35.2	31.5	32.5	34.1	56	52.4	26.2	35.4	32.2	57.4	61.4
FH40-80S-0.5SV	CL580-2103-3	80	40.57	43.2	39.5	40.5	42.1	56	52.4	26.2	43.4	40.2	57.4	61.4

HRS	DRAWING NO.	EDC3-159298-05		
	PART NO.	FH40-**S-0.5SV		
	CODE NO.	CL580	△	5 5