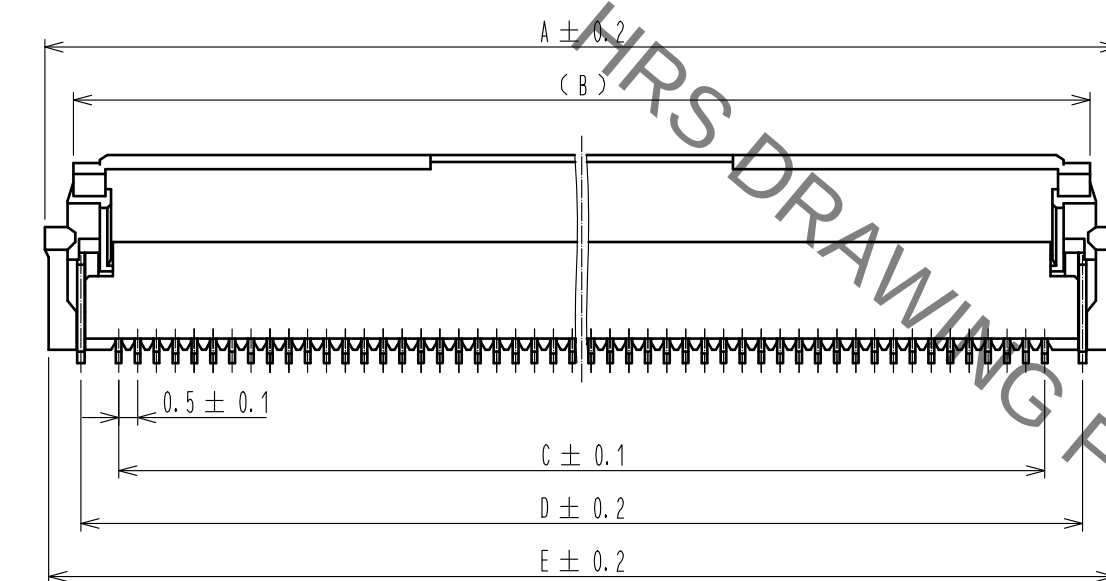
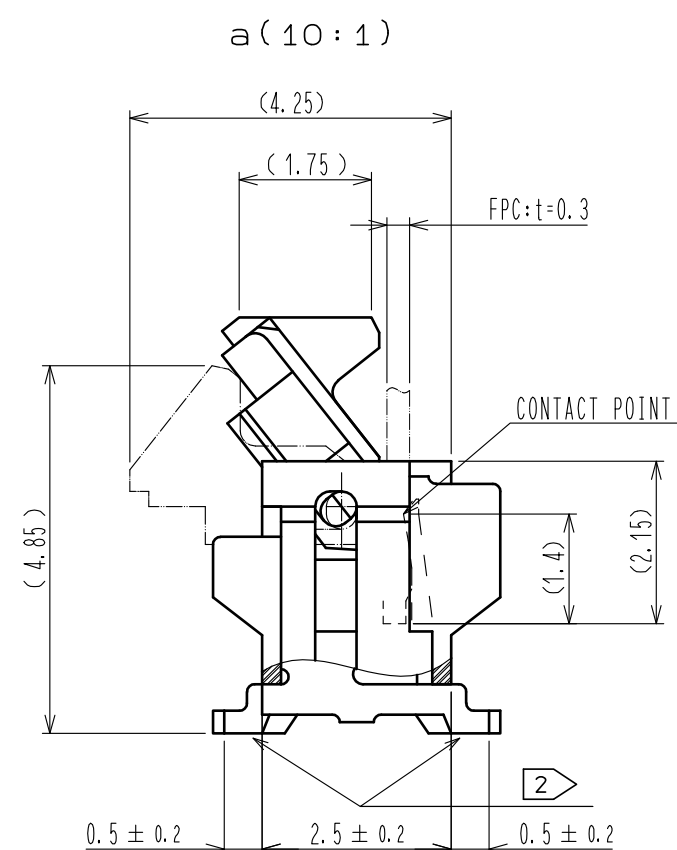


NUMBER OF CONTACTS	MATERIAL
60	LCP
OTHER	POLYAMIDE

6 'n' REPRESENTS THE NUMBER of CONTACTS.

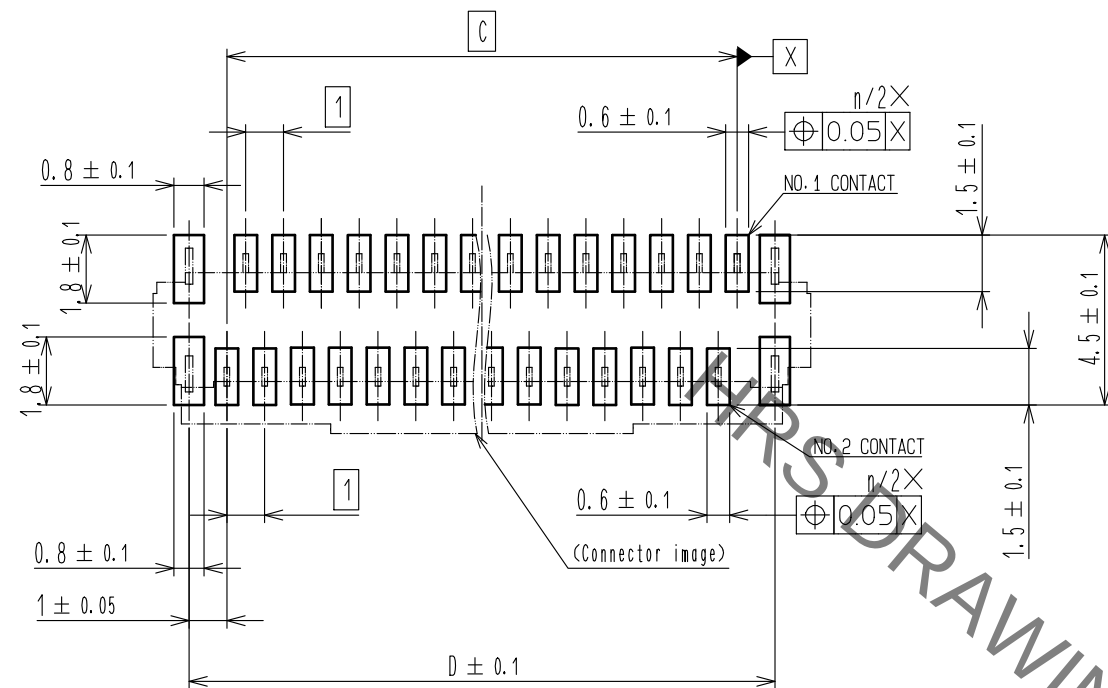


3	PHOSPHOR BRONZE	(CONTACT AREA, LEAD) GOLD PLATING 0.05μmMIN OVER NICKEL 1μmMIN (OTHER) NICKEL PLATING 1μmMIN	5	8	(CONNECTOR)	
				7	POLYSTYRENE	
				6	POLYESTER	
2	PPS	(DEEP BROWN)	UL94V-0	5	POLYSTYRENE	
1	4	(BEIGE)	UL94V-0	4	BRASS	TIN PLATING 1μm MIN. OVER NICKEL 1μm MIN.
NO.	MATERIAL	FINISH , REMARKS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

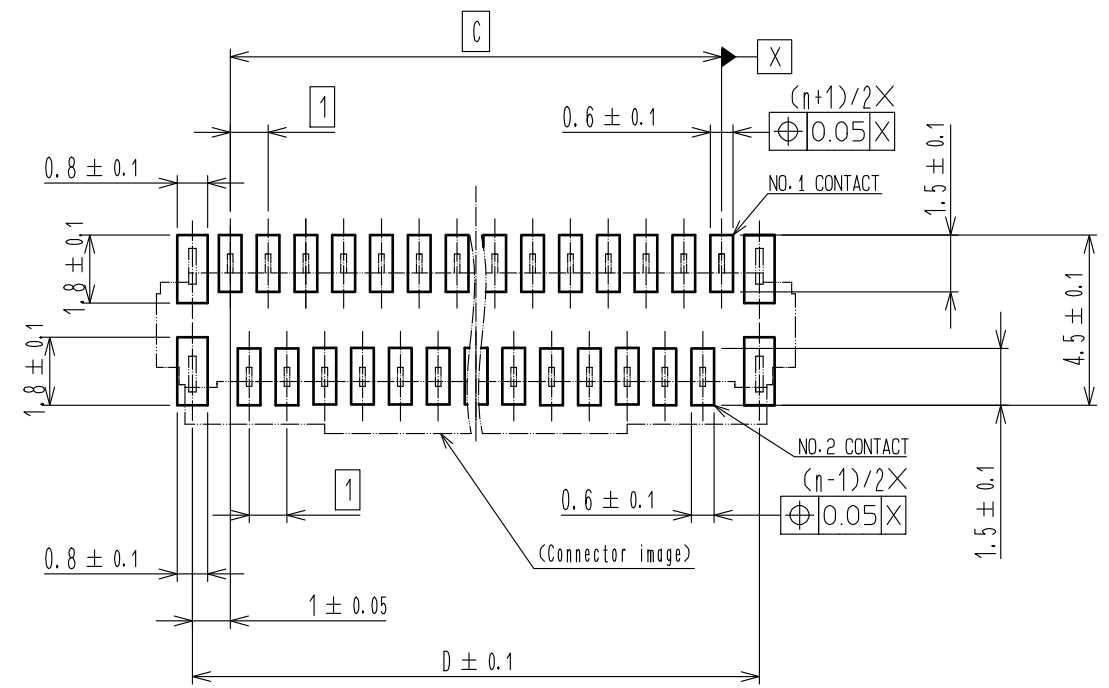
UNITS mm		SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.		APPROVED	・NF. MIYAZAKI	17. 03. 01	DRAWING NO.	EDC-375800-00-00		
		CHECKED	・FN. TAMURA	17. 03. 01	PART NO.	FH12- * * S-0. 5SVA(98)		
		DESIGNED	・RT. IKEDA	17. 03. 01	CODE NO.	CL586		1/
		DRAWN	・RK. OGASAWARA	17. 03. 01				

RECOMMENDED PCB MOUNTING PATTERN

NUMBER OF CONTACTS: EVEN NUMBER

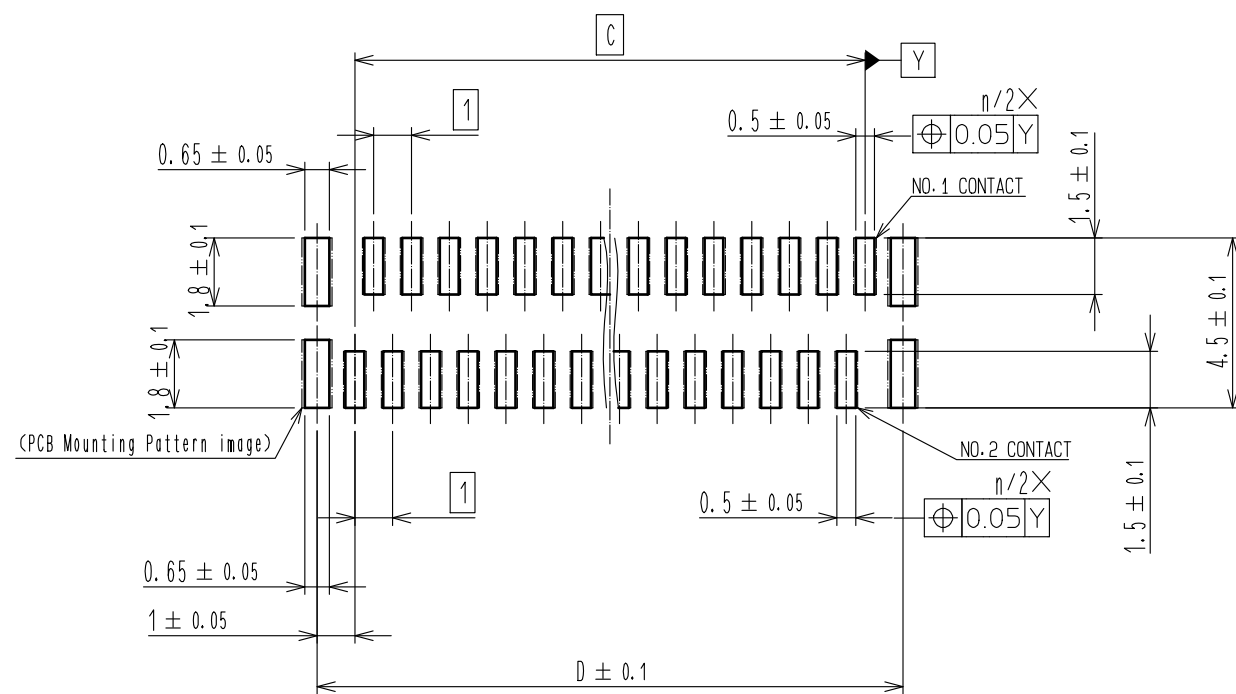


NUMBER OF CONTACTS: ODD NUMBER

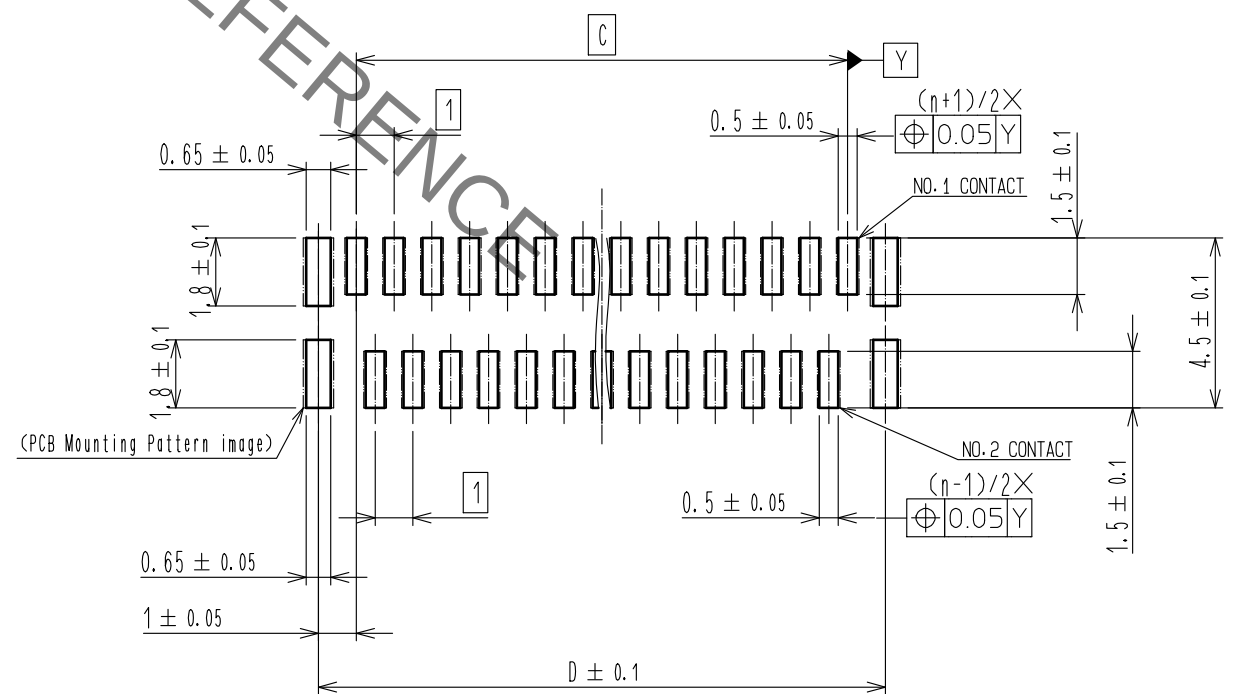


RECOMMENDED STENCIL PATTERN (RECOMMENDED STENCIL THICKNESS: $t=0.15$)

NUMBER OF CONTACTS: EVEN NUMBER



NUMBER OF CONTACTS: ODD NUMBER

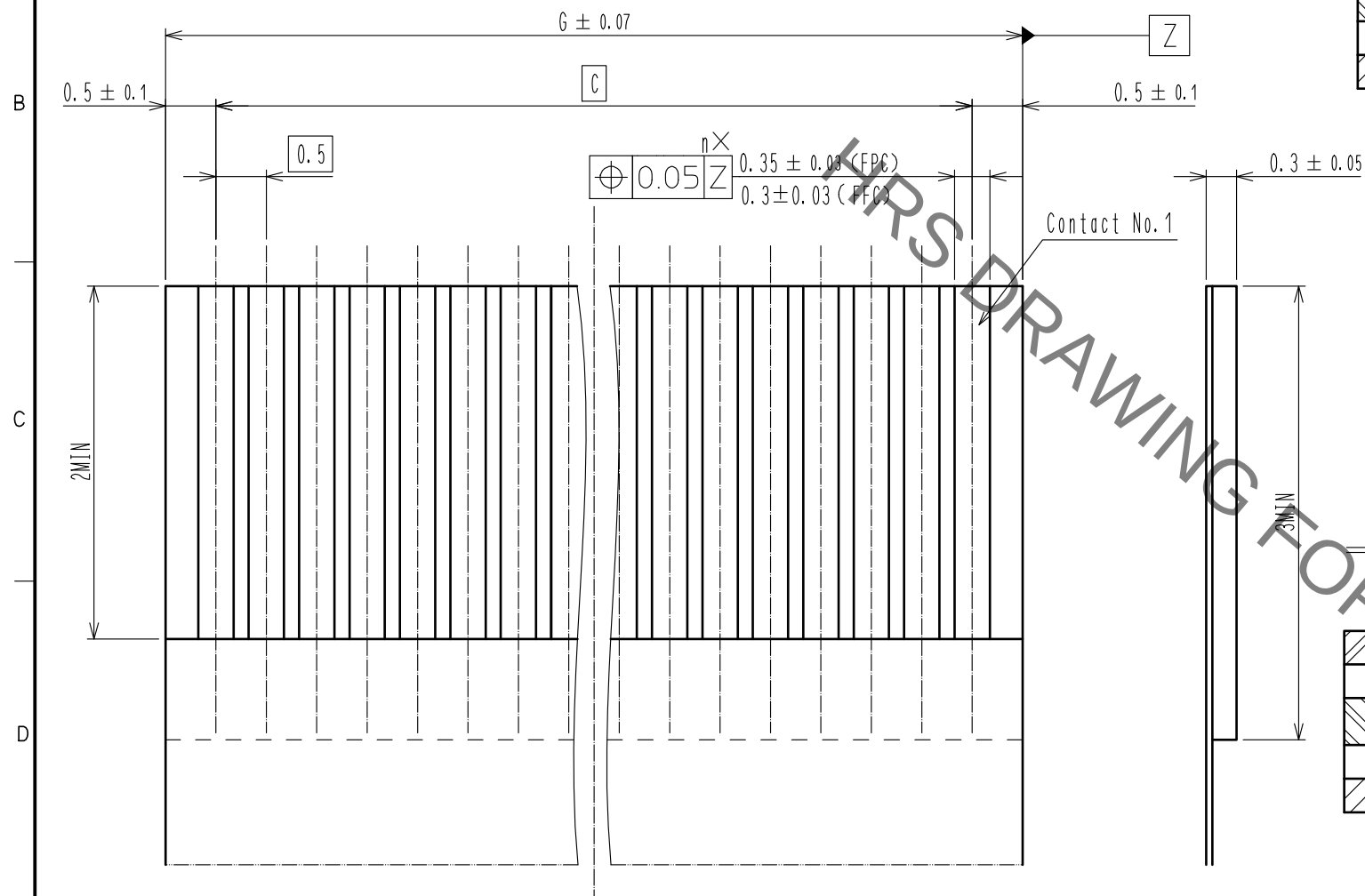


HRS

DRAWING NO.	EDC-375800-00-00
PART NO.	FH12-**S-0.5SVA(98)
CODE NO.	CL586

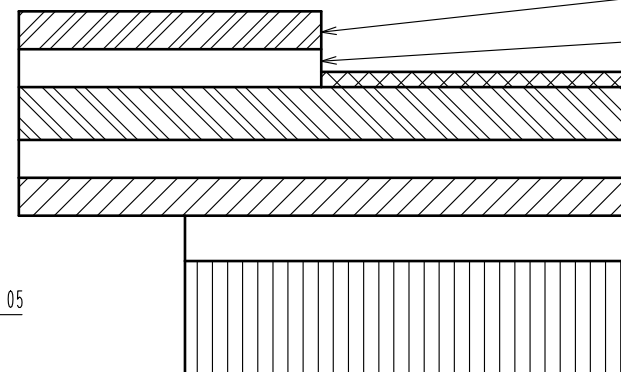
2/5

RECOMMENDED FPC/FFC (15:1)



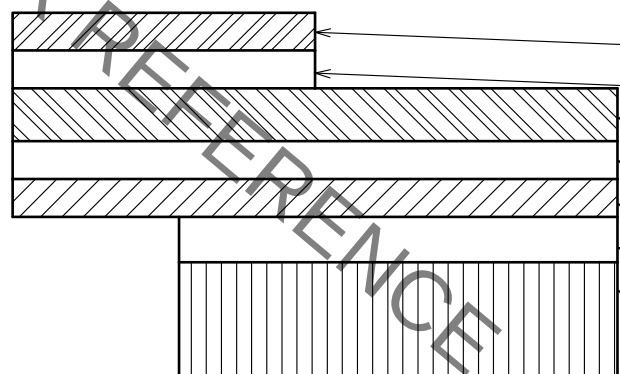
FPC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)

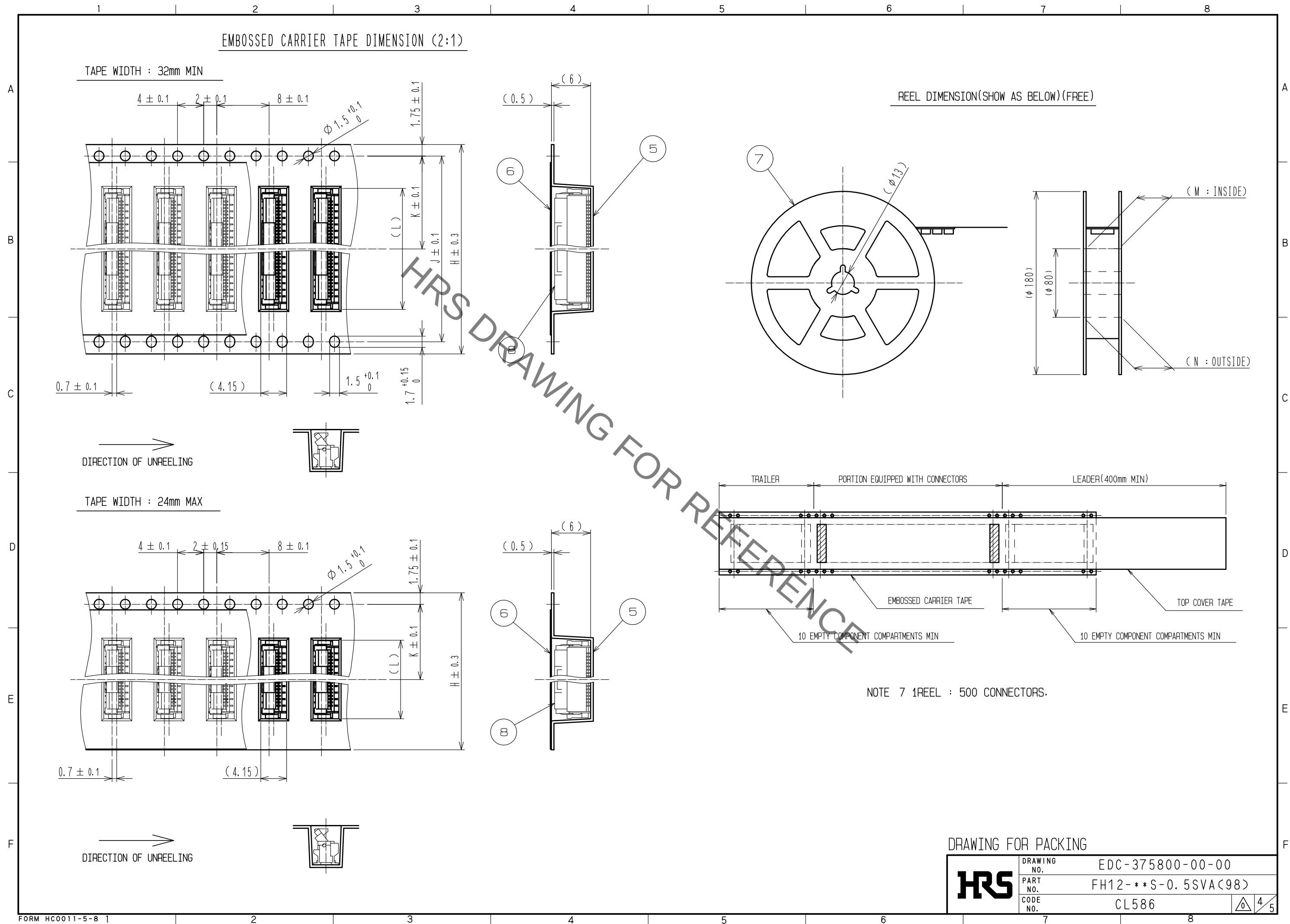
MATERIAL NAME	MATERIAL	THICKNESS(μm)
COVERING FILM LAYER	POLYIMIDE 1mil thick.	(25)
COVER ADHESIVE		(25)
SURFACE TREATMENT	NICKEL UNDERCOAT 1 to 5μm + GOLD PLATING 0.2μm	3
COPPER FOIL	Cu 1 oz	35
BASE ADHESIVE	HEAT-HARDENED ADHESIVE	25
BASE FILM	POLYIMIDE 1mil thick	25
REINFORCEMENT MATERIAL ADHESIVE	HEAT-HARDENED ADHESIVE	30
STIFFENER FILM	POLYIMIDE 7mil thick	175



FFC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)

MATERIAL NAME	MATERIAL	THICKNESS (μm)
POLYESTER FILM		(12)
ADHESIVE	THERMOPLASTIC POLYESTER	(30)
GOLD PLATED, SOFT COPPER FILM		35
ADHESIVE	POLYESTER	30
POLYESTER		12
ADHESIVE	POLYESTER	30
STIFFENER FILM	POLYESTER	188





Aug.1.2021 Copyright 2021 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	
FH12-6S-0.5SVA(98)	CL586-0756-4-98	6	6.4	4.9	2.5	4.5	6.2	2	3.5	16	—	7.5	6.5	17.4	21.4	
FH12-10S-0.5SVA(98)	CL586-0806-0-98	10	8.4	6.9	4.5	6.5	8.2	4	5.5	16	—	7.5	8.5	17.4	21.4	
FH12-12S-0.5SVA(98)	CL586-0757-7-98	12	9.4	7.9	5.5	7.5	9.2	4	6.5	16	—	7.5	9.5	17.4	21.4	
FH12-13S-0.5SVA(98)	CL586-0807-3-98	13	9.9	8.4	6	8	9.7	4	7	24	—	11.5	10	25.4	29.4	
FH12-15S-0.5SVA(98)	CL586-0808-6-98	15	10.9	9.4	7	9	10.7	4	8	24	—	11.5	11	25.4	29.4	
FH12-16S-0.5SVA(98)	CL586-0809-9-98	16	11.4	9.9	7.5	9.5	11.2	4	8.5	24	—	11.5	11.5	25.4	29.4	
FH12-17S-0.5SVA(98)	CL586-0810-8-98	17	11.9	10.4	8	10	11.7	4	9	24	—	11.5	12	25.4	29.4	
FH12-18S-0.5SVA(98)	CL586-0811-0-98	18	12.4	10.9	8.5	10.5	12.2	4	9.5	24	—	11.5	12.5	25.4	29.4	
FH12-20S-0.5SVA(98)	CL586-0812-3-98	20	13.4	11.9	9.5	11.5	13.2	4	10.5	24	—	11.5	13.5	25.4	29.4	
FH12-22S-0.5SVA(98)	CL586-0813-6-98	22	14.4	12.9	10.5	12.5	14.2	8	11.5	24	—	11.5	14.5	25.4	29.4	
FH12-24S-0.5SVA(98)	CL586-0814-9-98	24	15.4	13.9	11.5	13.5	15.2	8	12.5	24	—	11.5	15.5	25.4	29.4	
FH12-26S-0.5SVA(98)	CL586-0815-1-98	26	16.4	14.9	12.5	14.5	16.2	8	13.5	24	—	11.5	16.5	25.4	29.4	
FH12-30S-0.5SVA(98)	CL586-0750-8-98	30	18.4	16.9	14.5	16.5	18.2	8	15.5	32	28.4	14.2	18.5	33.4	37.4	
FH12-32S-0.5SVA(98)	CL586-0816-4-98	32	19.4	17.9	15.5	17.5	19.2	8	16.5	32	28.4	14.2	19.5	33.4	37.4	
FH12-33S-0.5SVA(98)	CL586-0818-0-98	33	19.9	18.4	16	18	19.7	8	17	32	28.4	14.2	20	33.4	37.4	
FH12-34S-0.5SVA(98)	CL586-0817-7-98	34	20.4	18.9	16.5	18.5	20.2	8	17.5	44	40.4	20.2	20.5	45.4	49.4	
FH12-36S-0.5SVA(98)	CL586-0819-2-98	36	21.4	19.9	17.5	19.5	21.2	8	18.5	44	40.4	20.2	21.5	45.4	49.4	
FH12-40S-0.5SVA(98)	CL586-0804-5-98	40	23.4	21.9	19.5	21.5	23.2	8	20.5	44	40.4	20.2	23.5	45.4	49.4	
FH12-45S-0.5SVA(98)	CL586-0820-1-98	45	25.9	24.4	22	24	25.7	8	23	44	40.4	20.2	26	45.4	49.4	
FH12-49S-0.5SVA(98)	CL586-0821-4-98	49	27.9	26.4	24	26	27.7	8	25	44	40.4	20.2	28	45.4	49.4	
FH12-50S-0.5SVA(98)	CL586-0805-8-98	50	28.4	26.9	24.5	26.5	28.2	8	25.5	44	40.4	20.2	28.5	45.4	49.4	
FH12-60S-0.5SVA(98)	CL586-0749-9-98	60	33.4	31.9	29.5	31.5	33.2	8	30.5	56	52.4	26.2	33.5	57.4	61.4	

	DRAWING NO.	EDC-375800-00-00	
	PART NO.	FH12-**S-0.5SVA(98)	
	CODE NO.	CL586	5 5

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[FH12-15S-0.5SVA\(98\)](#)