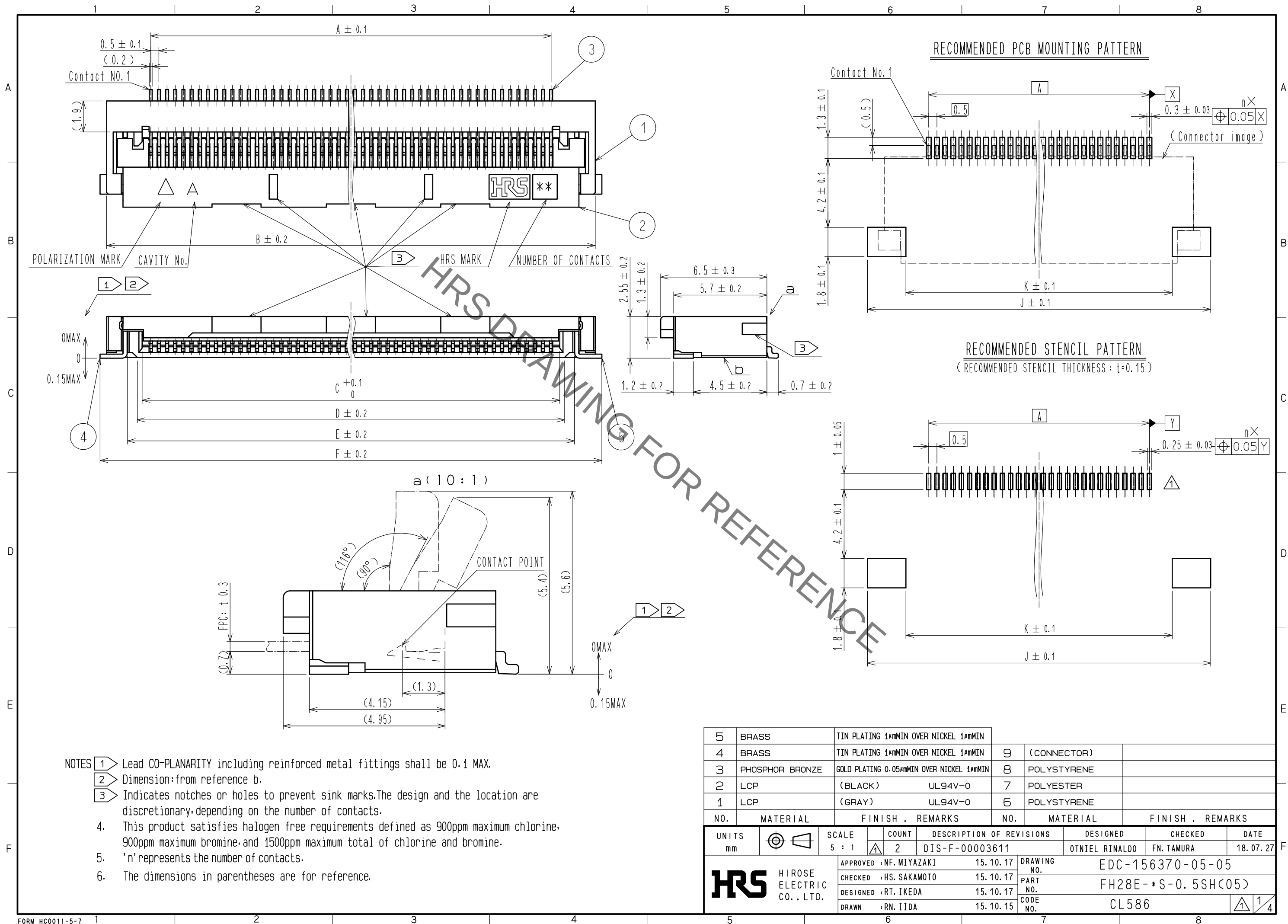
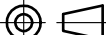


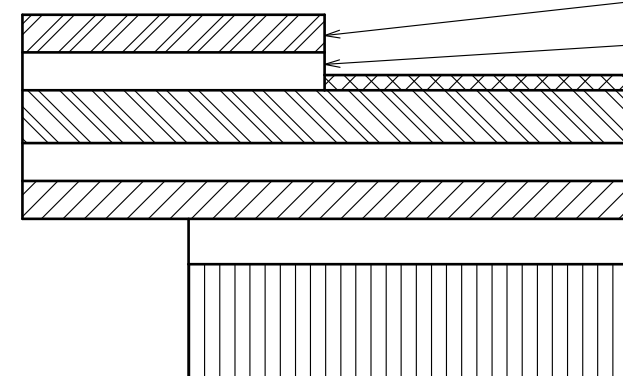
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- NOTES
- Lead CO-PLANARITY including reinforced metal fittings shall be 0.1 MAX.
 - Dimension: from reference b.
 - Indicates notches or holes to prevent sink marks. The design and the location are discretionary, depending on the number of contacts.
 - This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500ppm maximum total of chlorine and bromine.
 - 'n' represents the number of contacts.
 - The dimensions in parentheses are for reference.

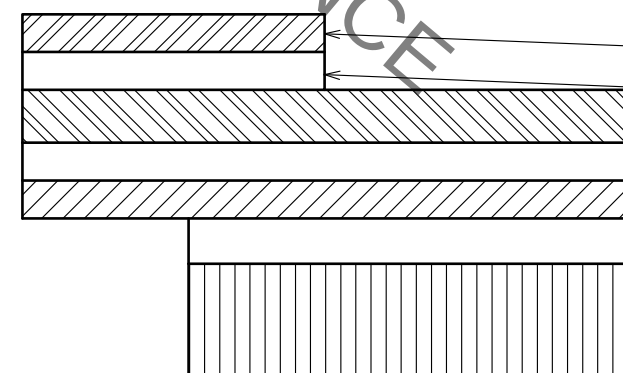
5	BRASS	TIN PLATING 1#mmMIN OVER NICKEL 1#mmMIN						
4	BRASS	TIN PLATING 1#mmMIN OVER NICKEL 1#mmMIN		9	(CONNECTOR)			
3	PHOSPHOR BRONZE	GOLD PLATING 0.05#mmMIN OVER NICKEL 1#mmMIN		8	POLYSTYRENE			
2	LCP	(BLACK)	UL94V-0	7	POLYESTER			
1	LCP	(GRAY)	UL94V-0	6	POLYSTYRENE			
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 5 : 1		COUNT 2	DESCRIPTION OF REVISIONS DIS-F-00003611	DESIGNED OTNIEL RINALDO	CHECKED FN. TAMURA	DATE 18. 07. 27
 HIROSE ELECTRIC CO., LTD.		APPROVED : NF. MIYAZAKI		15. 10. 17		DRAWING NO. EDC-156370-05-05		
		CHECKED : HS. SAKAMOTO		15. 10. 17		PART NO. FH28E-*S-0.5SH<05>		
		DESIGNED : RT. IKEDA		15. 10. 17		CODE NO. CL586		
		DRAWN : RN. IIDA		15. 10. 15		 1/4		

FPC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)



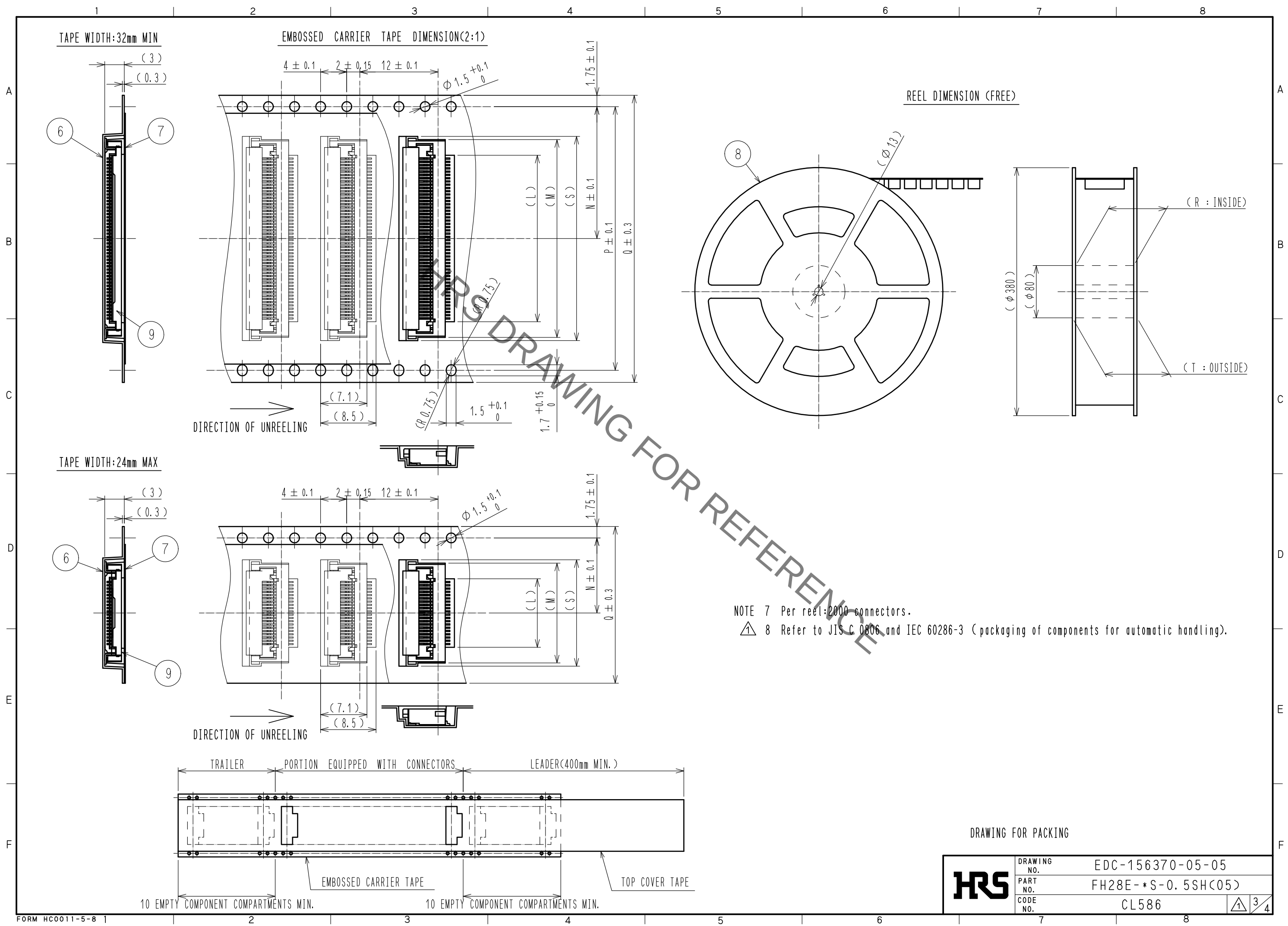
MATERIAL NAME	MATERIAL	THICKNESS (#)
COVERING FILM LAYER	POLYIMIDE 1mil thick.	(25)
COVER ADHESIVE		(25)
SURFACE TREATMENT	Nickel undercoat 1 to 5µm + Gold plating 0.2µm	3
COPPER FOIL	Cu 1 oz	35
BASE ADHESIVE	HEAT-HARDENED ADHESIVE	25
BASE FILM	POLYIMIDE 1mil thick	25
REINFORCEMENT MATERIAL ADHESIVE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

FFC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)



MATERIAL NAME	MATERIAL	THICKNESS (#)
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

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PART No.	CODE No.	Number of contact	DIMENSION TABLE OF CONNECTOR, FPC, FFC, LAND PATTERN AND STENCIL PATTERN										DIMENSION TABLE OF DRAWING FOR PACKING								
			A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	T	S	
FH28E-20S-0.5SH(05)	CL580-1822-2-05	20	9.5	14.9	10.57	11.15	12.35	15.7	10.5	12.1	16.7	12	10.5	15.3	11.5	-	24	25.4	29.4	16.3	
FH28E-30S-0.5SH(05)	CL580-1833-9-05	30	14.5	19.9	15.57	16.15	17.35	20.7	15.5	17.1	21.7	17	15.5	20.3	14.2	28.4	32	33.4	37.4	21.3	
FH28E-40S-0.5SH(07)	CL580-1814-4-07	40	19.5	24.9	20.57	21.15	22.35	25.7	20.5	22.1	26.7	22	20.5	25.3	20.2	40.4	44	45.4	49.4	26.3	
FH28E-50S-0.5SH(05)	CL580-1815-7-05	50	24.5	29.9	25.57	26.15	27.35	30.7	25.5	27.1	31.7	27	25.5	30.3	20.2	40.4	44	45.4	49.4	31.3	
FH28E-60S-0.5SH(05)	CL580-1834-1-05	60	29.5	34.9	30.57	31.15	32.35	35.7	30.5	32.1	36.7	32	30.5	35.3	26.2	52.4	56	57.4	61.4	36.3	
FH28E-68S-0.5SH(05)	CL580-1841-7-05	68	33.5	38.9	34.57	35.15	36.35	39.7	34.5	36.1	40.7	36	34.5	39.3	26.2	52.4	56	57.4	61.4	40.3	

9> : The specification of (07) is applied to FH28E-40S-0.5SH.

HRS	DRAWING NO.	EDC-156370-05-05	
	PART NO.	FH28E-*S-0.5SH(05)	
	CODE NO.	CL586	1 4 4