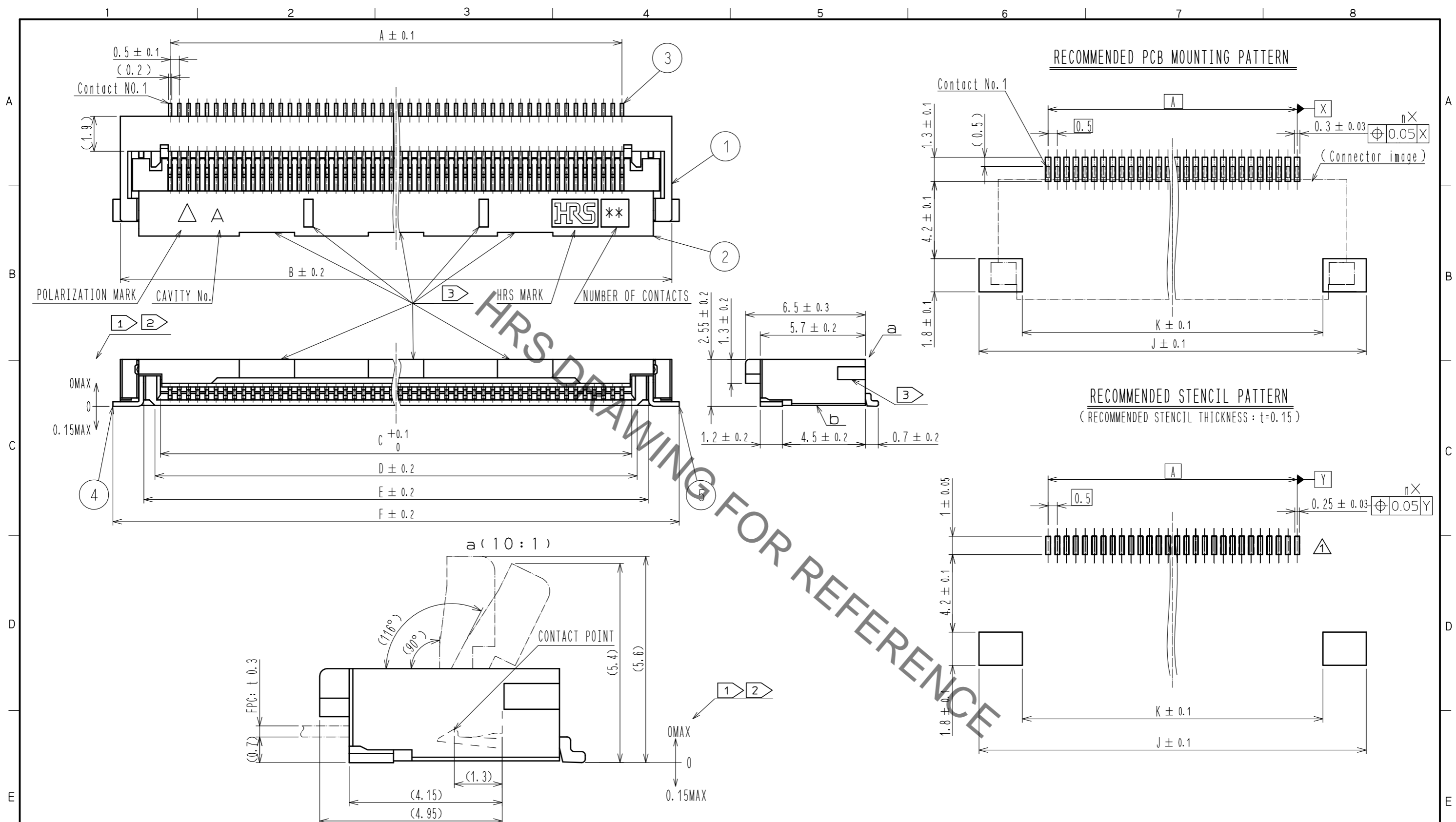


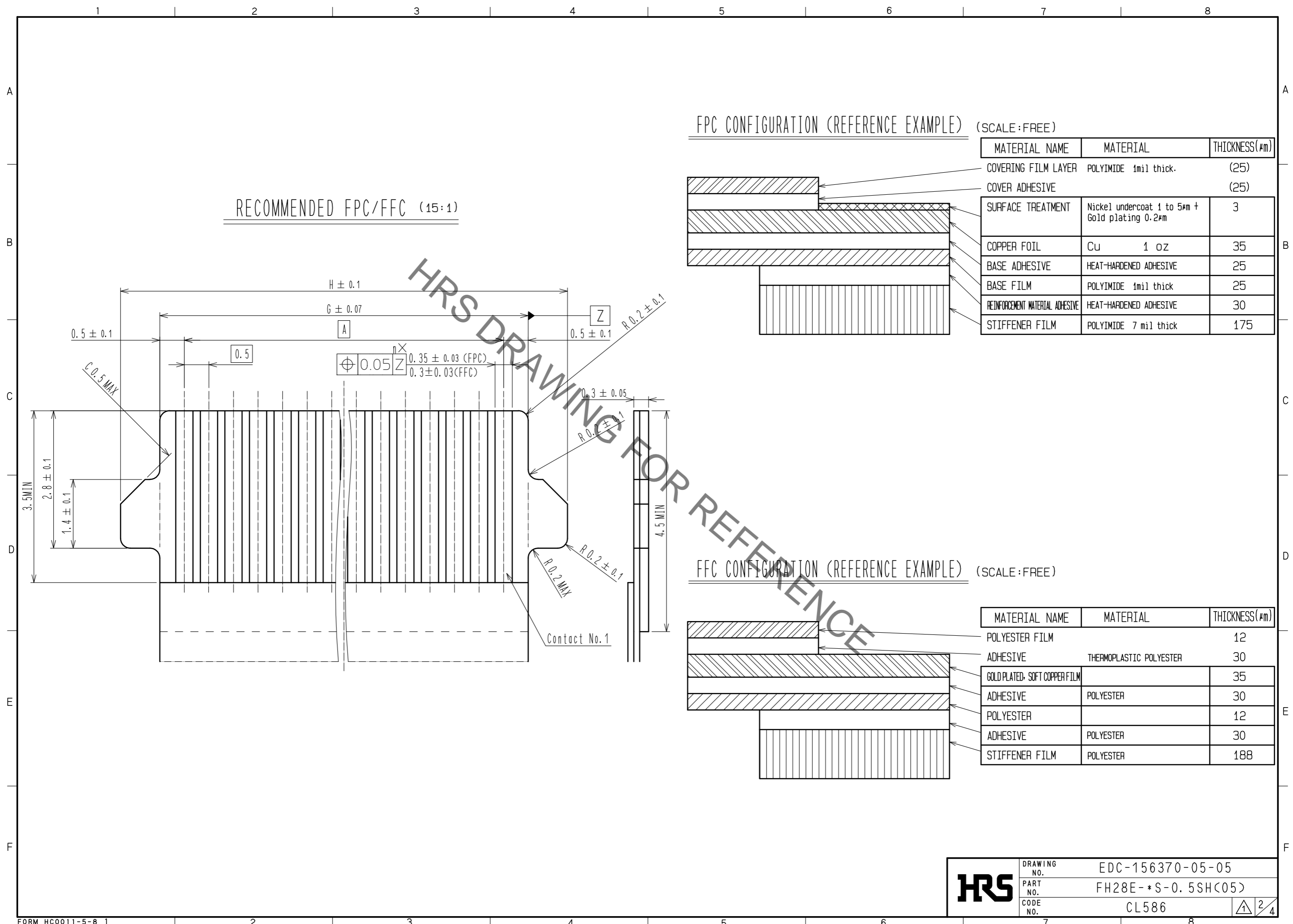
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- NOTES
- 1 Lead CO-PLANARITY including reinforced metal fittings shall be 0.1 MAX.
 - 2 Dimension: from reference b.
 - 3 Indicates notches or holes to prevent sink marks. The design and the location are discretionary, depending on the number of contacts.
 - 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.
 - 6. The dimensions in parentheses are for reference.

5	BRASS	TIN PLATING 1#MMIN OVER NICKEL 1#MMIN			
4	BRASS	TIN PLATING 1#MMIN OVER NICKEL 1#MMIN	9	(CONNECTOR)	
3	PHOSPHOR BRONZE	GOLD PLATING 0.05#MMIN OVER NICKEL 1#MMIN	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			DESIGNED	CHECKED	DATE
DIS-F-00003611			OTNIEL RINALDO	FN. TAMURA	18.07.27
APPROVED : NF. MIYAZAKI 15.10.17			DRAWING NO. EDC-156370-05-05		
CHECKED : HS. SAKAMOTO 15.10.17			PART NO. FH28E-*S-0.5SH(C05)		
DESIGNED : RT. IKEDA 15.10.17			CODE NO. CL586		
DRAWN : RN. IIDA 15.10.15					

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RECOMMENDED FPC/FFC (15:1)

FPC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)

FFC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)

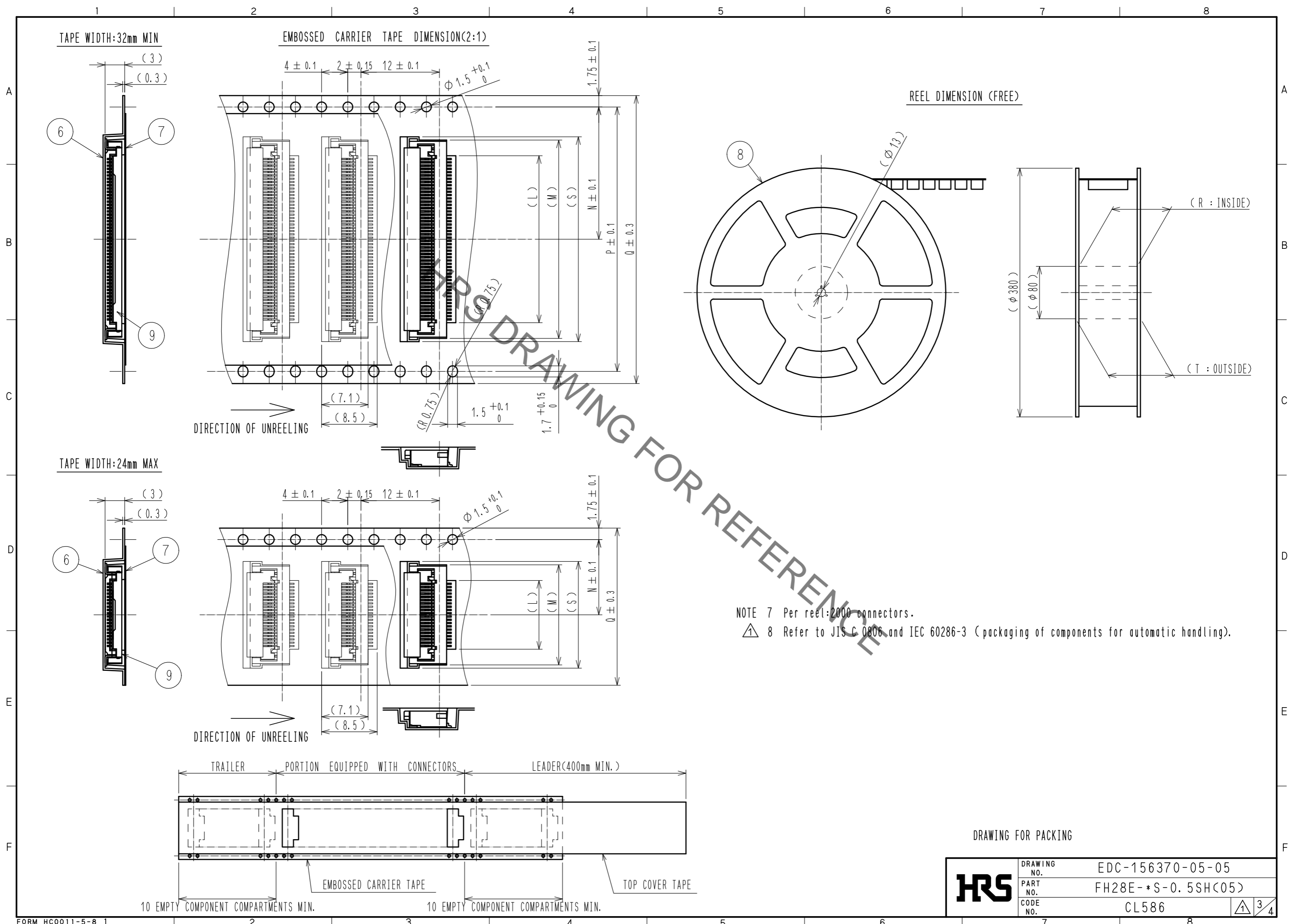
MATERIAL NAME	MATERIAL	THICKNESS(μm)
COVERING FILM LAYER	POLYIMIDE 1mil thick.	(25)
COVER ADHESIVE		(25)
SURFACE TREATMENT	Nickel undercoat 1 to 5μm + Gold plating 0.2μm	3
COPPER FOIL	Cu 1 oz	35
BASE ADHESIVE	HEAT-HARDENED ADHESIVE	25
BASE FILM	POLYIMIDE 1mil thick	25
REINFORCEMENT MATERIAL ADHESIVE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

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

HRS	DRAWING NO.	EDC-156370-05-05
	PART NO.	FH28E-*S-0.5SH<05>
	CODE NO.	CL586

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DRAWING FOR PACKING

HRS	DRAWING NO.	EDC-156370-05-05
	PART NO.	FH28E-*S-0.5SH<05>
	CODE NO.	CL586
		3/4

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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
⑨ 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 FOR REFERENCE

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

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