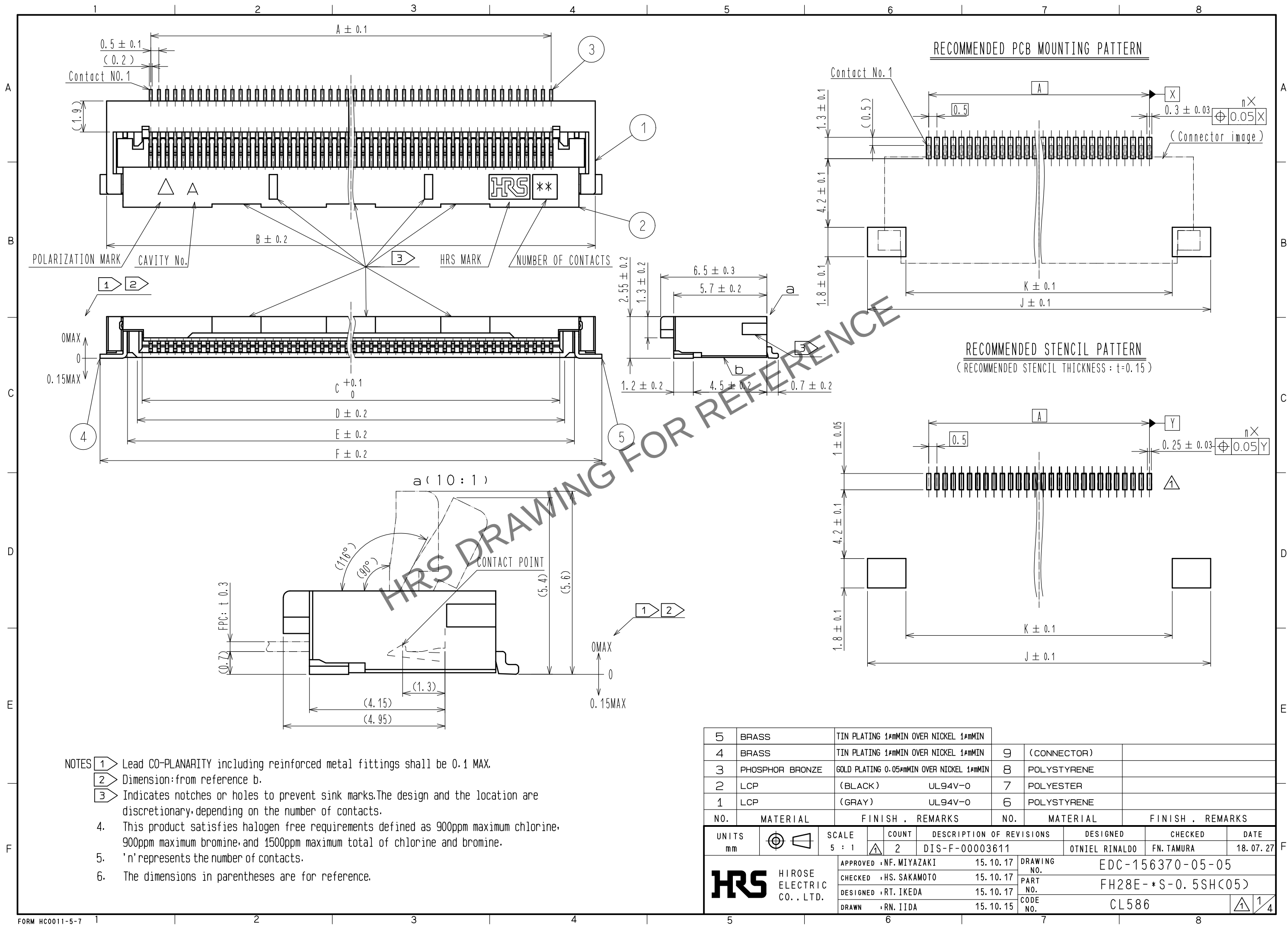
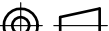


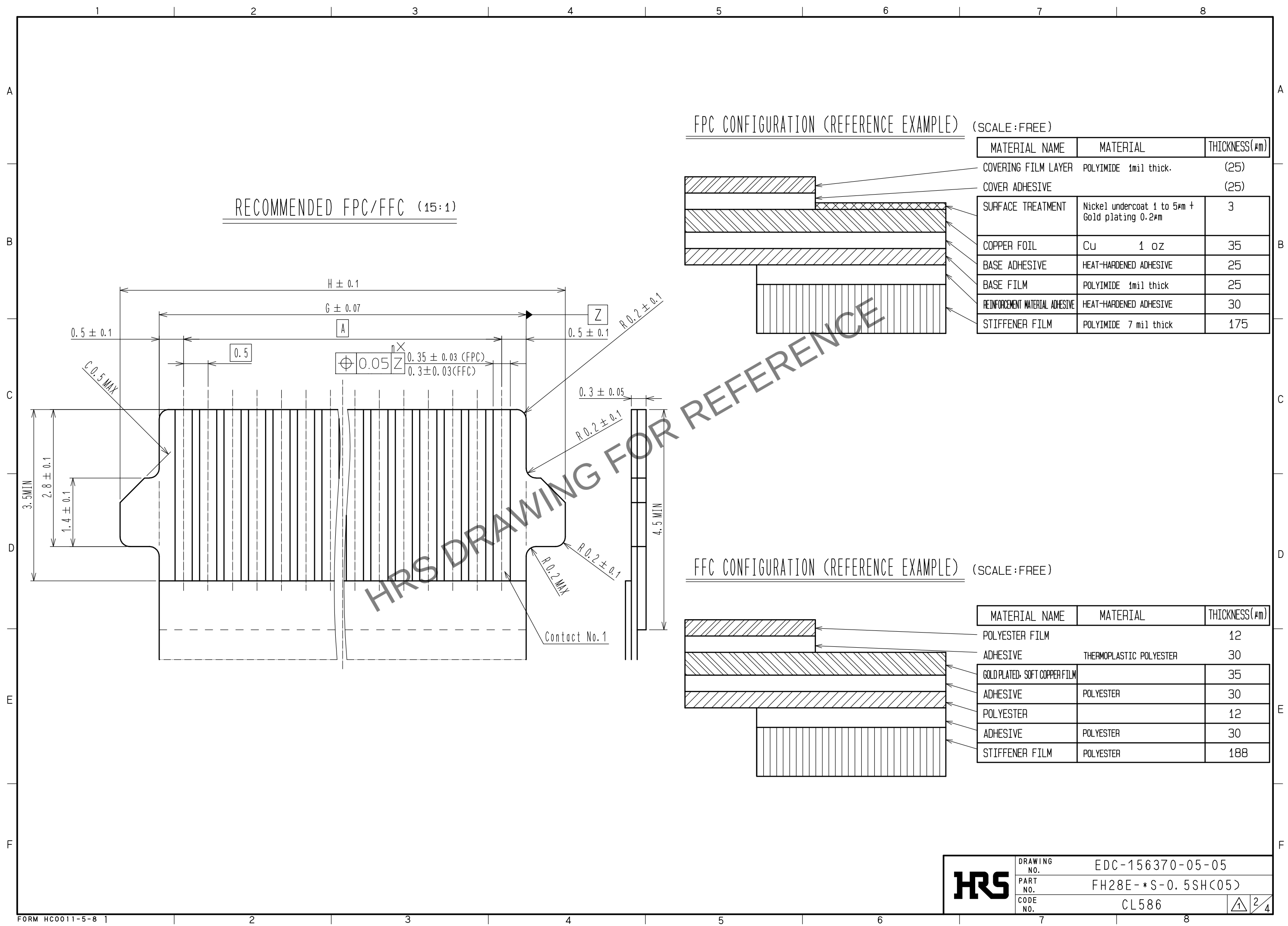
Nov.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



- 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	

Nov.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.



HRS

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

124



Nov.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 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