



- NOTES 1. The dimensions in parentheses are for reference.
2. Lead CO-PLANARITY including reinforced metal fittings shall be 0.1 MAX.
3. Dimension: from reference b.
4. This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500ppm maximum total of chlorine and bromine.

5	Brass	Tin plating 1mmMIN over nickel 1mmMIN				
4	Brass	Tin plating 1mmMIN over nickel 1mmMIN				
3	Copper alloy	(Contact area: lead) Gold plating 0.03mmMIN over nickel 1mmMIN	9	(Connector)		
		(Other) Nickel plating 1mmMIN	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		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		5 : 1						
 HIROSE ELECTRIC CO., LTD.		APPROVED	.HS. SAKAMOTO		20200309	DRAWING NO. EDC-381457-98-00		
		CHECKED	.FN. TAMURA		20200309	PART NO. FH28KH-80S-0.5SH(98)		
		DESIGNED	.KN. KOBAYASHI		20200306	CODE NO. CL586-1874-0-98		
		DRAWN	.NM. YONEYAMA		20200306			

 

FPC 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

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