

HRS DRAFTING FOR REFERENCE

The drawing includes four main views:

- Top View:** Shows overall dimensions like length (23.5 ± 0.2), width (5.9 ± 0.3), and pitch (P=0.5). Callouts 1, 2, and 3 point to specific features.
- Side View:** Shows profile dimensions such as height (3.5 ± 0.3) and lead length (26.4 ± 0.1).
- Cross Cut Section (10:1):** A detailed view of the tape's internal structure, identifying the header connector (FX10A-96P-SV) and receptacle connector (FX10A-96S-SV).
- RECOMMENDED LAND PATTERN DIMENSION OF PCB:** Provides precise dimensions for the PCB mounting area, including pad diameters (φ1.1 ± 0.05, φ1.2 ± 0.05) and various offsets.

NOTES

- SMT LEAD-COPLANARITY: 0.1 MAX.
- THIS PRODUCT HAS NO POLARITY TO PATTERN FOR MOUNTING.
- MAKE SURE WIDTH OF PATTERN IS WITHIN THAT OF LAND, OR LEAD MAY TOUCH PATTERN. (THIS APPLIES TO HATCHED AREA.)
- EMBOSS CARRIER TAPE PACKAGE IS APPLIED ON THIS PRODUCT. PLEASE REFER TO THE SHEET 2/2 FOR THE DETAILS.
- THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
3	PHOSPHOR BRONZE	TIN-PLATING		5	POLYESTER		TOP COVER TAPE
2	PHOSPHOR BRONZE	CONTACT AREA: GOLD	0.1μm min.	4	POLYSTYRENE		EMBOSSED CARRIER TAPE
		LEAD AREA : TIN-PLATING	1μm min.				
		UNDER PLATING : NICKEL	1μm min.				
1	LCP	BEIGE	UL94V-0				

UNITS mm	SCALE 4 : 1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.	APPROVED	: HT. YAMAGUCHI	10.07.29	DRAWING NO.	EDC3-151952-21	
	CHECKED	: HT. YAMAGUCHI	10.07.29	PART NO.	FX10A-96P-SV(91)	
	DESIGNED	: SY. KAMIGA	10.07.29	CODE NO.	CL570-0041-0-91	
	DRAWN	: HK. SUNADORI	10.07.28			

DRAWING FOR REFERENCE: This is subject to change without notice
08/11/2012

