

SPECIFICATION FOR LCD MODULE

Customer : _____

CustomerP/N _____

Model No. : _____ ESHX039122A

Version : _____ 01

Date : _____ 2022-09-13

Final Approval by Customer

LCM Machinery OK ☐	Checked By	
LCM Display OK ☐	Checked By	
LCM NG ☐ LCM OK ☐	Approved By	

Confirmed :

DESIGN	CHECK	APPROVAL

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HUAXIN TECHNOLOGY CO., LTD

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1. Overview

ESHX039122A is a 0.39-inch full color Si-OLED display module with 1024×768 dot matrix. The characteristics of this display module are high brightness, high contrast ratio, slim/thin outline, wide viewing angle, wide temperature range, and low power consumption.

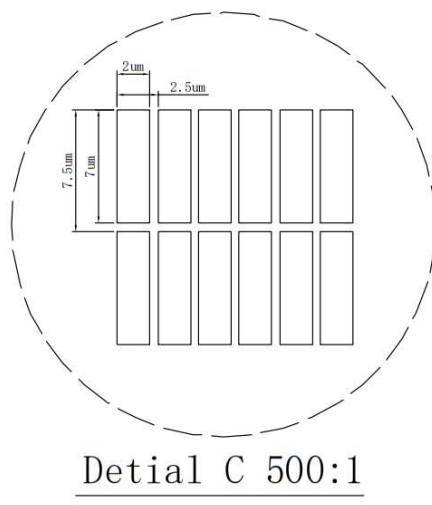
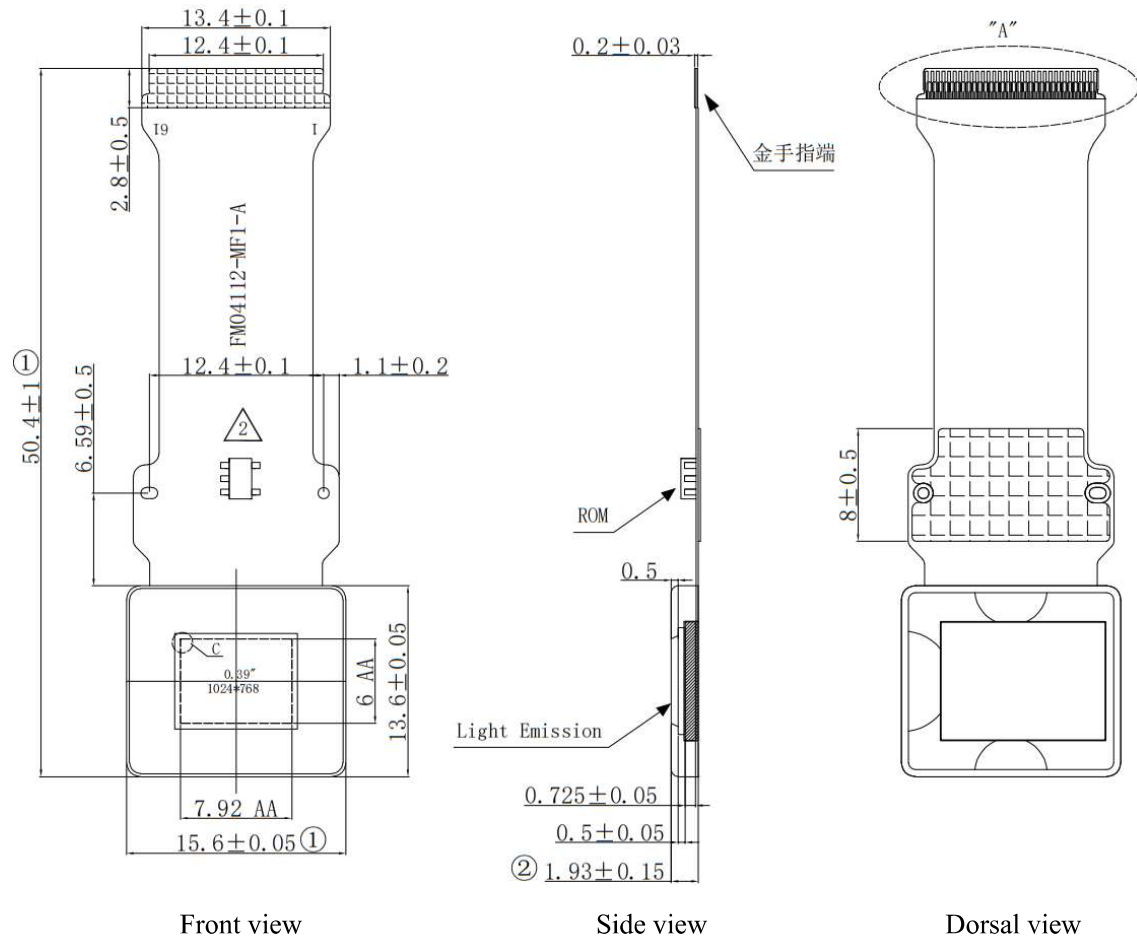
2. Features

- Display Color: Full Color
- Dot Matrix: 1024×768
- Digital Visual Interface
 - 24-bit RGB digital video
 - 24-bit YCbCr digital video
 - YCbCr digital video in 16-bit 4:2:2 format
 - Progressive scanning
- Digital signal enhancement
 - Contrast adjustment
- 8-bit input, class of 256, according to the gray-scale 10 D/A conversion
- Horizontal/vertical mirror image
- The 2-wire serial interface

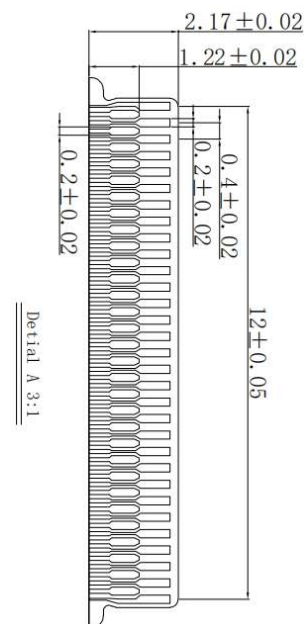
3. Mechanical Data

NO.	ITEM	SPECIFICATION	UNIT
1	Dot Matrix	1024×768	-
2	Dot Size	7.5×7.5	μm ²
3	Dot Pitch	7.5	μm ²
4	Active Area	7.92×6.00	mm ²
5	Panel Size	11.72×8.41	mm ²
6	Module Size (FPCA)	50.4×15.6	mm ²
7	Diagonal A/A Size	0.39	inch
8	Module Weight	0.73±0.1	gram

4. Mechanical Draw



Pixel size



Pin size