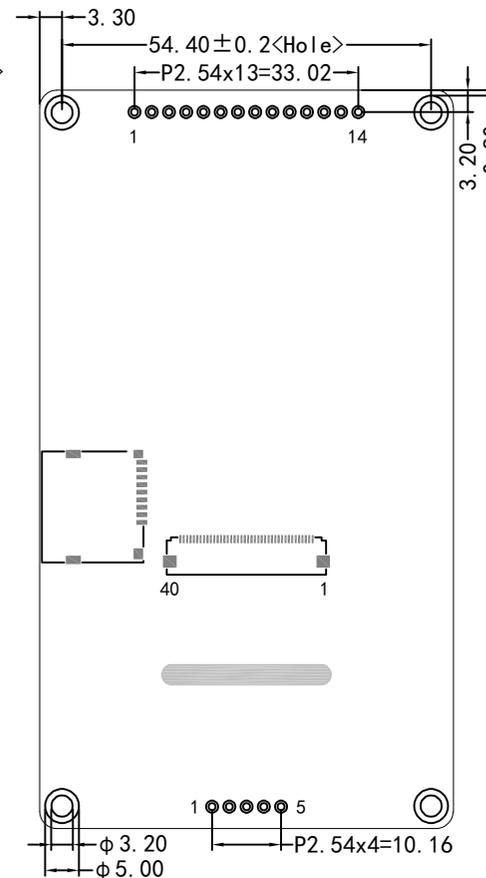
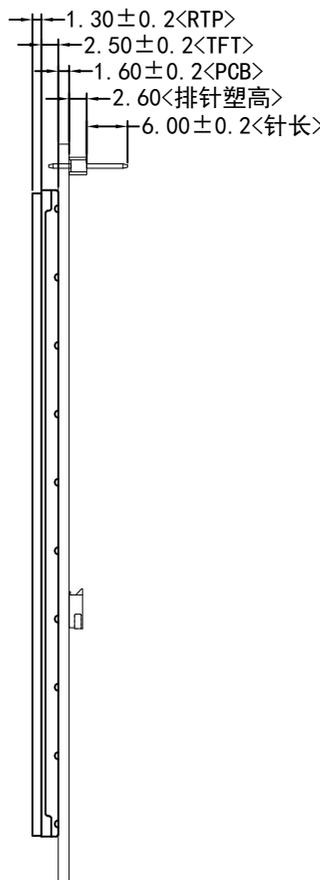
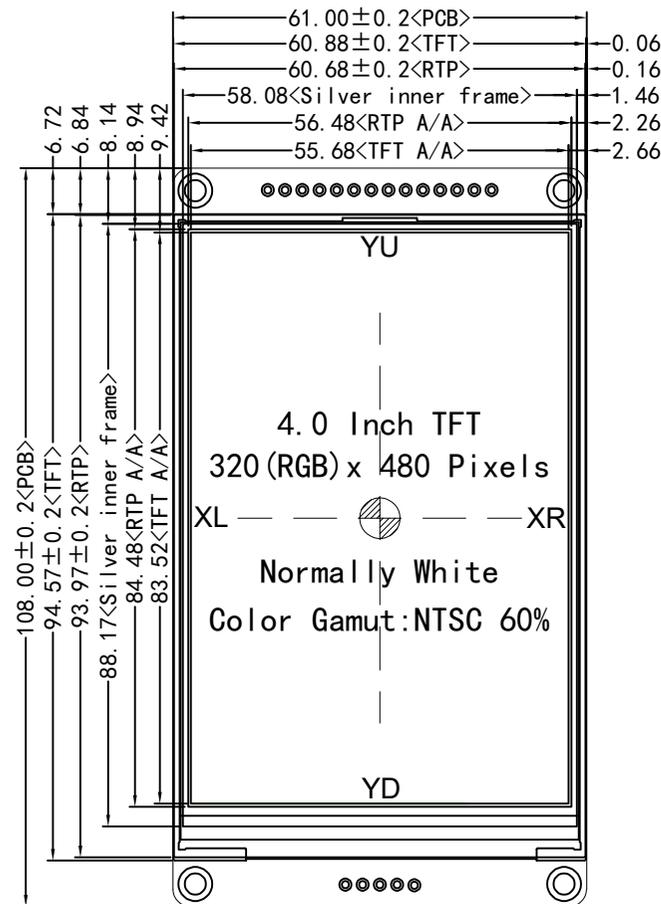


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh the display one or more times in less than 2 minutes or less.  
 强烈建议使用黑色图像或移动图像作为屏幕保护程序。It is strongly recommended to use a black image or moving image as a screen saver.

图纸字体：黑体  
 Drawing Font: Bold



CN1_SIGNAL		CN2_SIGNAL	
1	VCC	1	SD-CS
2	GND	2	SD-MOSI
3	TFT-CSX	3	SD-MISO
4	TFT-RES	4	SD-CLK
5	TFT-DCX	5	TFT-TE
6	TFT-SDI		
7	TFT-SCL		
8	BLEN		
9	TFT-SDO		
10	RTP-CLK		
11	RTP-CS		
12	RTP-DIN		
13	RTP-DO		
14	RTP-IRQ		

观看方向/角度 Viewing Direction	U70/D60/L70/R70	TFT 工作温度 TFT Operating Temp	-20 °C ~ +70 °C
接口 Interface	SPI-4L	TFT 储存温度 TFT Storage Temp	-30 °C ~ +80 °C
工作电压 Operating Voltage	VCI = 3.0~5.0V	背光驱动条件 Backlight conditions	Built-in driver circuit
驱动芯片 Driver IC	ST7365<TFT>	液晶模组亮度 LCM Brightness	300 cd/m <sup>2</sup> (Typ)/恒流测试

产品型号  
Product model: **HTM-H040A28-SPI-A01R**

比例 1:1  
Scale

设计制图  
Design

日期  
Date: **2025-9-17**

版本 V0-1  
Ver

单位 MM  
Unit

公差 ±0.3  
Tol.