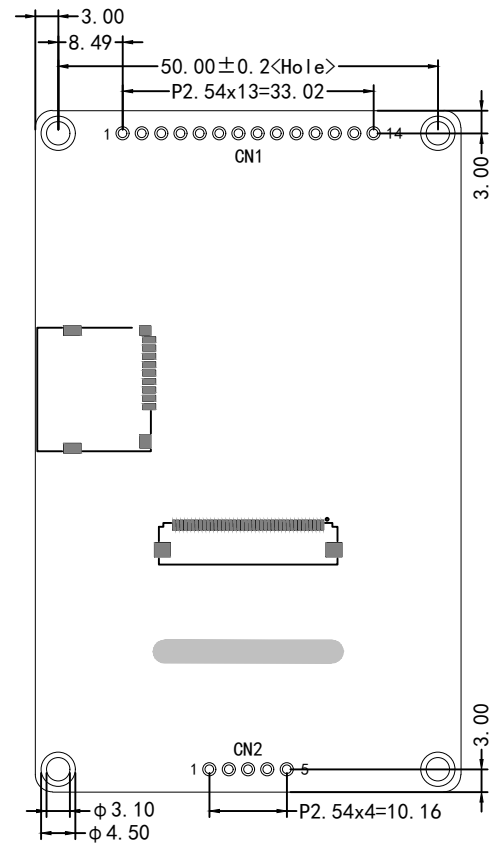
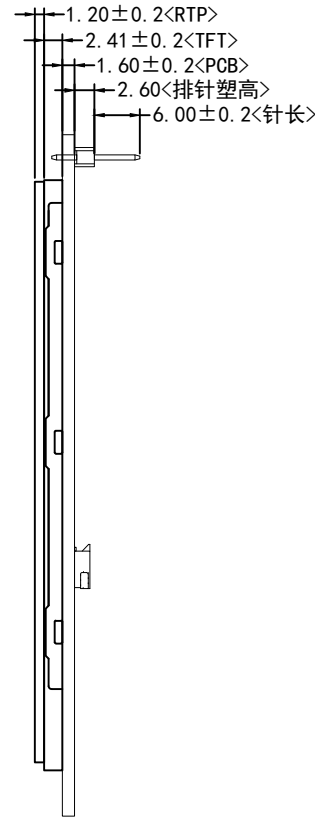
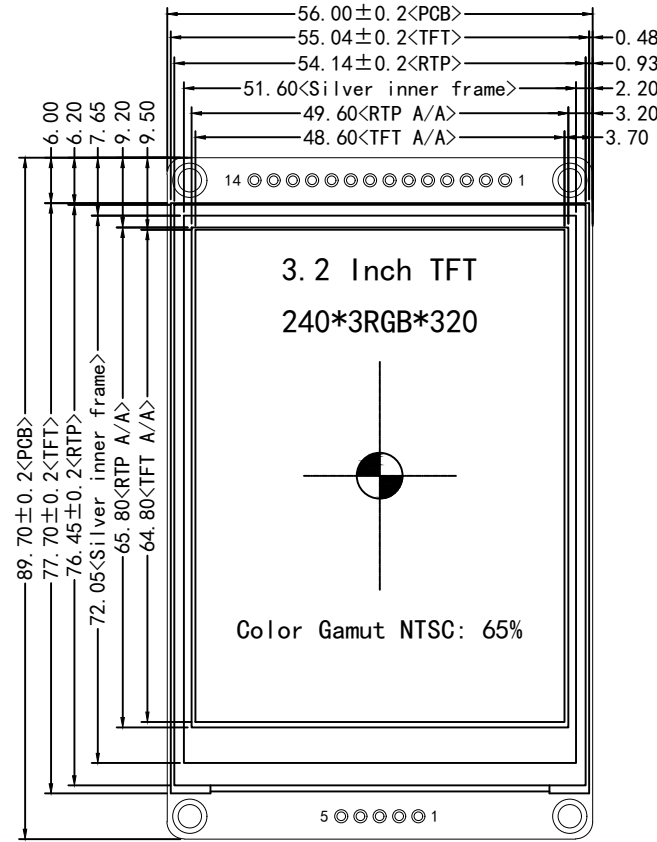


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to 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		

**HOTHMI**

产品型号  
 Product model: **HTM-H032A05-SPI-V1**

比例  
 Scale: **1:1**

设计制图  
 Design

日期  
 Date: **2025-7-10**

版本  
 Ver: **V0-0**

单位  
 Unit: **MM**

公差  
 Tol.: **±0.3**

观看方向/角度 Viewing Direction	<b>U80/D80/R80/L80 (Typ.)</b>	TFT 工作温度 TFT Operating Temp	<b>-30 °C ~ +80 °C</b>
接口 Interface	<b>MCU 8 Bit or 16 Bit</b>	TFT 储存温度 TFT Storage Temp	<b>-30 °C ~ +80 °C</b>
工作电压 Operating Voltage	<b>VCI = 2.8~5.0V</b>	背光驱动条件 Backlight conditions	<b>Built-in driver circuit</b>
驱动芯片 Driver IC	<b>ST7789&lt;TFT&gt;</b>	液晶模组亮度 LCM Brightness	<b>450 cd/m<sup>2</sup> (Typ)/恒流测试</b>