

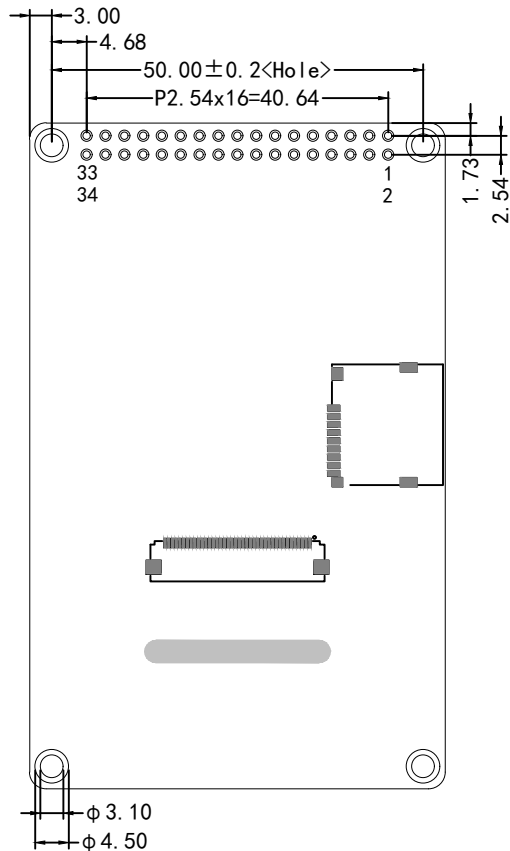
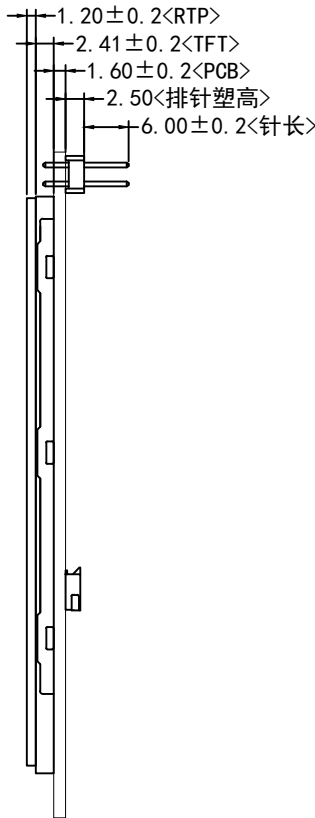
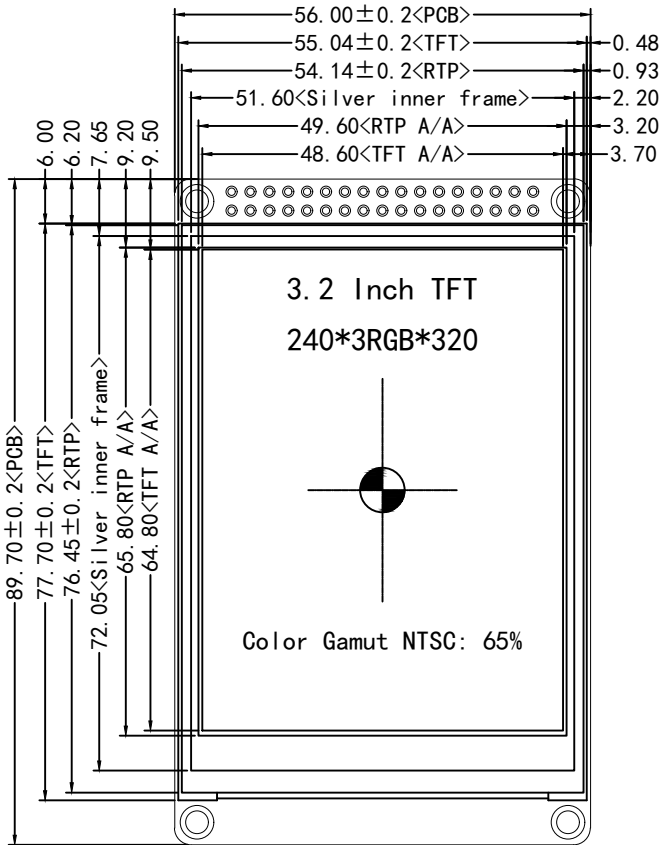
***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。

***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



Pin_SIGNAL

Pin	SIGNAL	Pin	SIGNAL
1	RS	21	SDCS
2	CS	22	DB15
3	RD	23	VDD
4	WR	24	BL
5	DB0	25	GND
6	RST	26	VDD
7	DB2	27	NC
8	DB1	28	GND
9	DB4	29	MOSI
10	DB3	30	MISO
11	DB6	31	TE
12	DB5	32	PEN
13	DB8	33	CLK
14	DB7	34	TCS
15	DB10		
16	DB9		
17	DB12		
18	DB11		
19	DB14		
20	DB13		



产品型号 HTM-H032A05-MCU-V1

比例 1:1 设计制图 日期 2025-07-10

版本 V0-0 单位 MM 公差 Tol. ±0.3

观看方向/角度 Viewing Direction U80/D80/R80/L80 (Typ.)

接口 Interface MCU 8 Bit or 16 Bit

工作电压 Operating Voltage VCI = 2.8~5.0V

驱动芯片 Driver IC ST7789<TFT>

TFT 工作温度 TFT Operating Temp -30 °C ~ +80 °C

TFT 储存温度 TFT Storage Temp -30 °C ~ +80 °C

背光驱动条件 Backlight conditions Built-in driver circuit

液晶模组亮度 LCM Brightness 450 cd/m² (Typ)/恒流测试