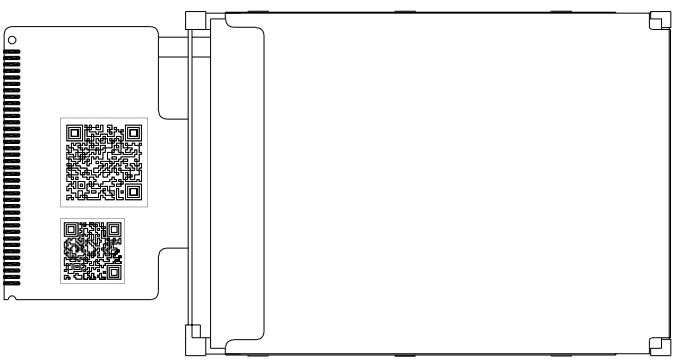
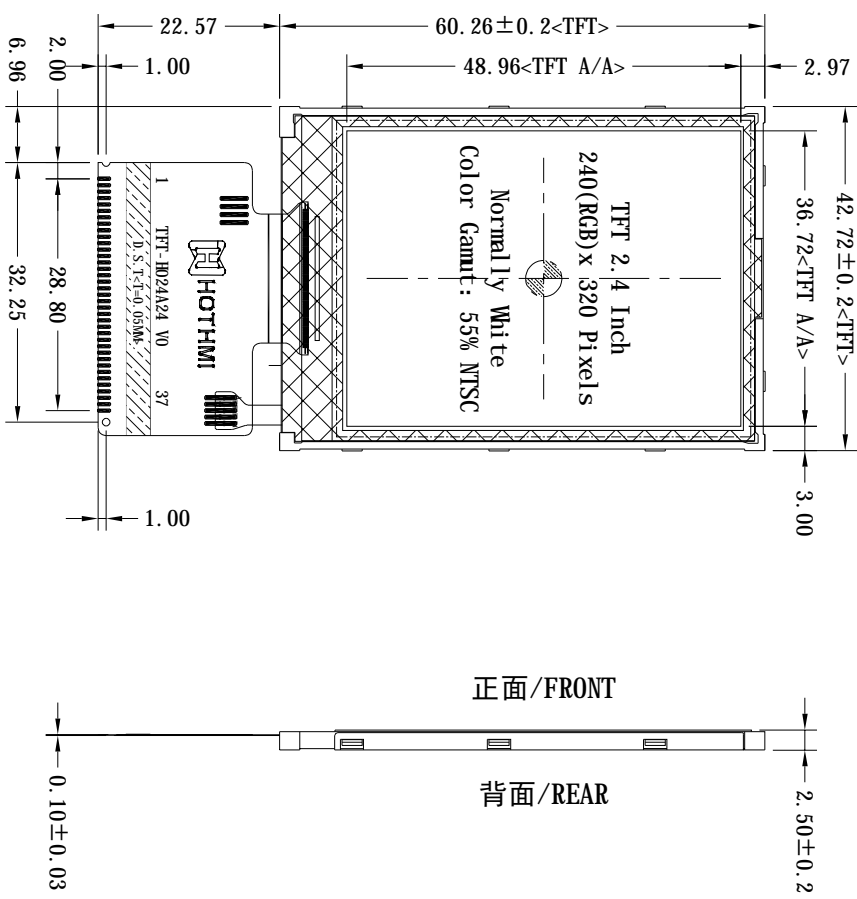


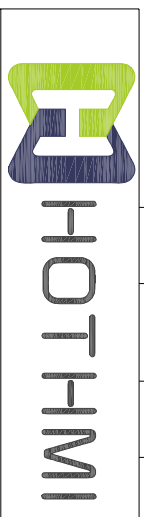
\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh the display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

字体：黑体  
**bold (typeface)**

IMD	Data bus
GND	16-Bit, Use DB[0-15]
VCI	8-Bit, Use DB[8-15]
Fix to GND when not in use.	



Pin_SIGNAL	Pin_SIGNAL
1	DB0
2	DB1
3	DB2
4	DB3
5	GND
6	NC
7	CS
8	RS
9	WR
10	RD
11	IMD
12	RTP-XR
13	RTP-YU
14	RTP-XL
15	RTP-YD
16	LEDA
17	LEDK
18	LEDK
19	LEDK
20	LEDK
21	TE
22	DB4
23	DB8
24	DB9
25	DB10
26	DB11
27	DB12
28	DB13
29	DB14
30	DB15
31	RESX
32	VCI
33	VCI
34	GND
35	DB5
36	DB6
37	DB7



产品型号  
**TFT-H024A24QVTST3N37**

比例	1:1	设计制图	Li u. YL	日期	2024-10-31
版本	V0-0	单位	MM	公差	±0.3

观看方向/角度 Viewing Direction	U40/D20/L45/R45	TFT 储存温度 TFT Storage Temp	-20 °C ~ +70 °C
接口 Interface	MCU 8 bit or MCU 16 bit	TFT 储存温度 TFT Storage Temp	-30 °C ~ +80 °C
工作电压 Operating Voltage	VCI=2.8 ~ 3.3V	背光驱动条件 Backlight conditions	Vf= 3.0 ~ 3.4V, If=80mA
驱动芯片 Driver IC	ST7789-TFT+	液晶模组亮度 LCM Brightness	350 cd/m² (Typ)/固定电流测试