

****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.

A

B

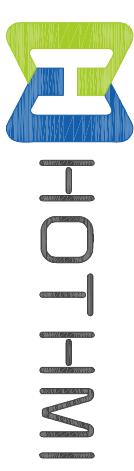
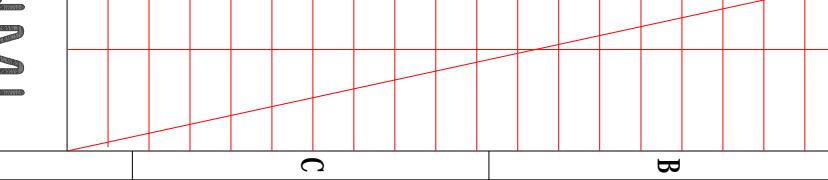
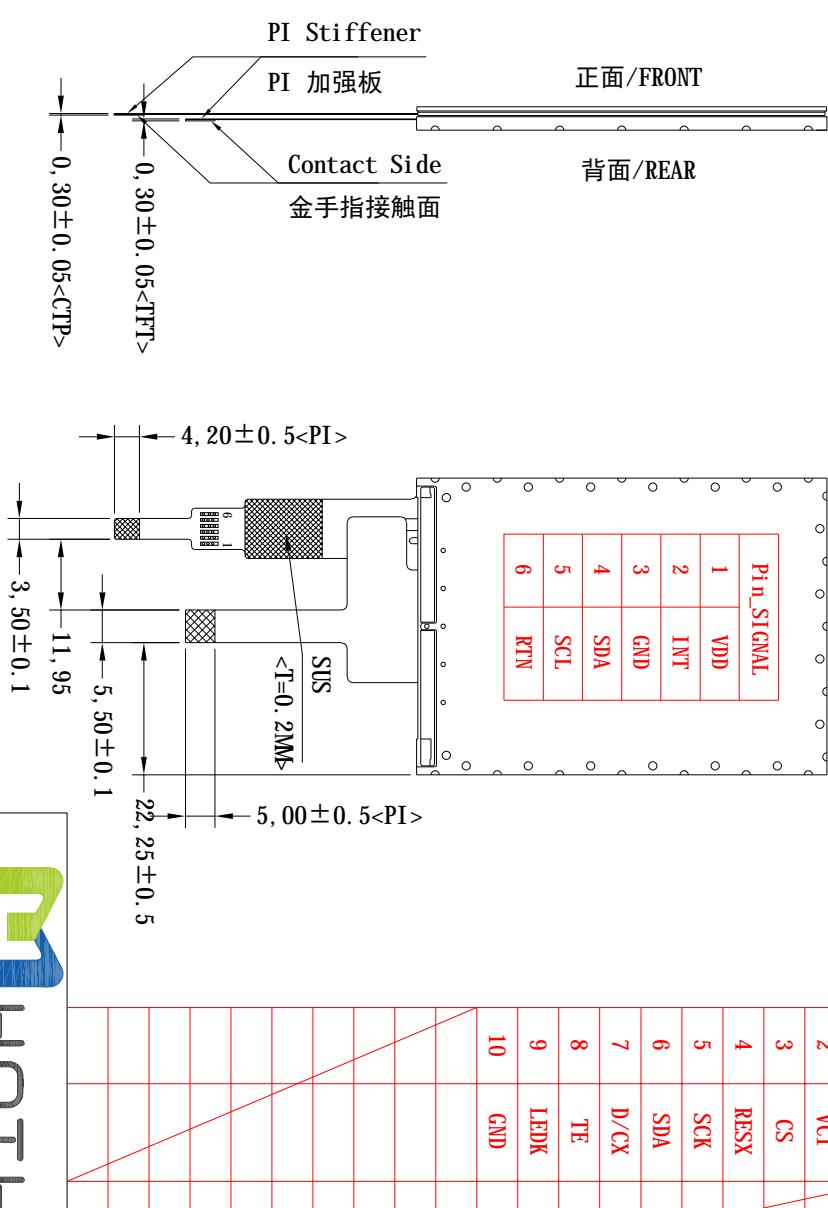
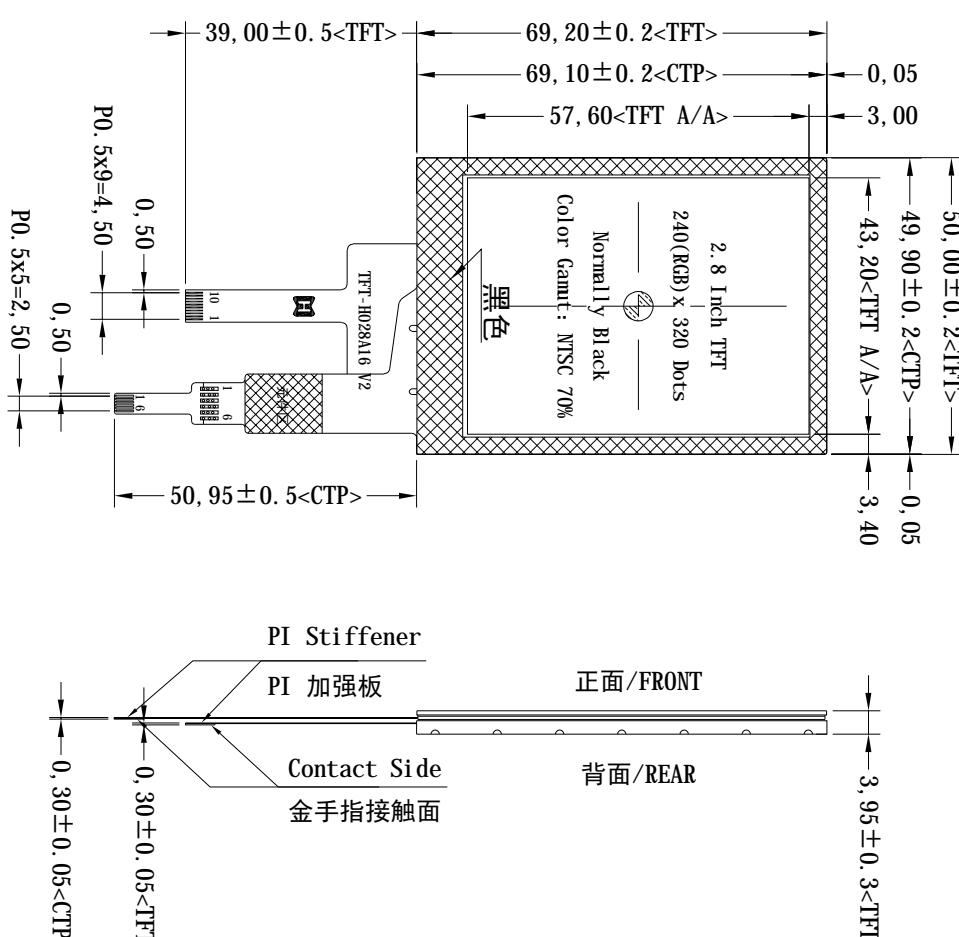
C

D

图纸字体：黑体
 Drawing Font: Bold

Pin_SIGNAL

	Pin_SIGNAL
1	LEDA
2	VCI
3	CS
4	RESX
5	SCK
6	SDA
7	D/CX
8	TE
9	LEDK
10	GND



产品型号 Product model

TFT-H028A16QVIST4C10

TFT 工作温度 TFT Operating Temp

-30 °C ~ +80 °C

TFT 储存温度 TFT Storage Temp

-30 °C ~ +85 °C

比例 Scale

1:1

设计制图 Design

Liu. YI

日期 Date

2025-07-07

版本 Version

V2-1

单位 Unit

MM

公差 Tolerance

±0.3

LCD Brightness

400 cd/m² (Typ)/恒流测试

Operating Voltage

VDD = VCI = 3.0 ± 0.3V

驱动芯片 Driver IC

ST7789< TFI >, GT911< CTP >

D

TFT 观看角度 Viewing direction	U85/R85/R85 (Typ.)	TFT 工作温度 Operating Temp	-30 °C ~ +80 °C
TFT 接口 Interface	4-line 8bit serial I/F	TFT 储存温度 Storage Temp	-30 °C ~ +85 °C
工作电压 Operating Voltage	VDD = VCI = 3.0 ± 0.3V	背光驱动条件 Backlight conditions	Vf= 3.0 ± 0.3V, If= 120 mA
驱动芯片 Driver IC	ST7789< TFI >, GT911< CTP >	液晶模组亮度 LCD Brightness	400 cd/m² (Typ)/恒流测试

A

B

C

D