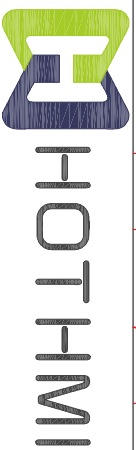
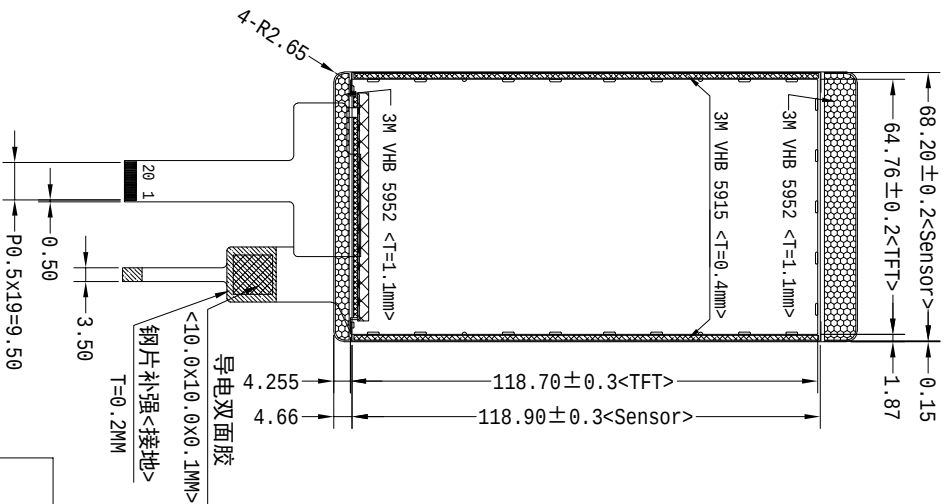
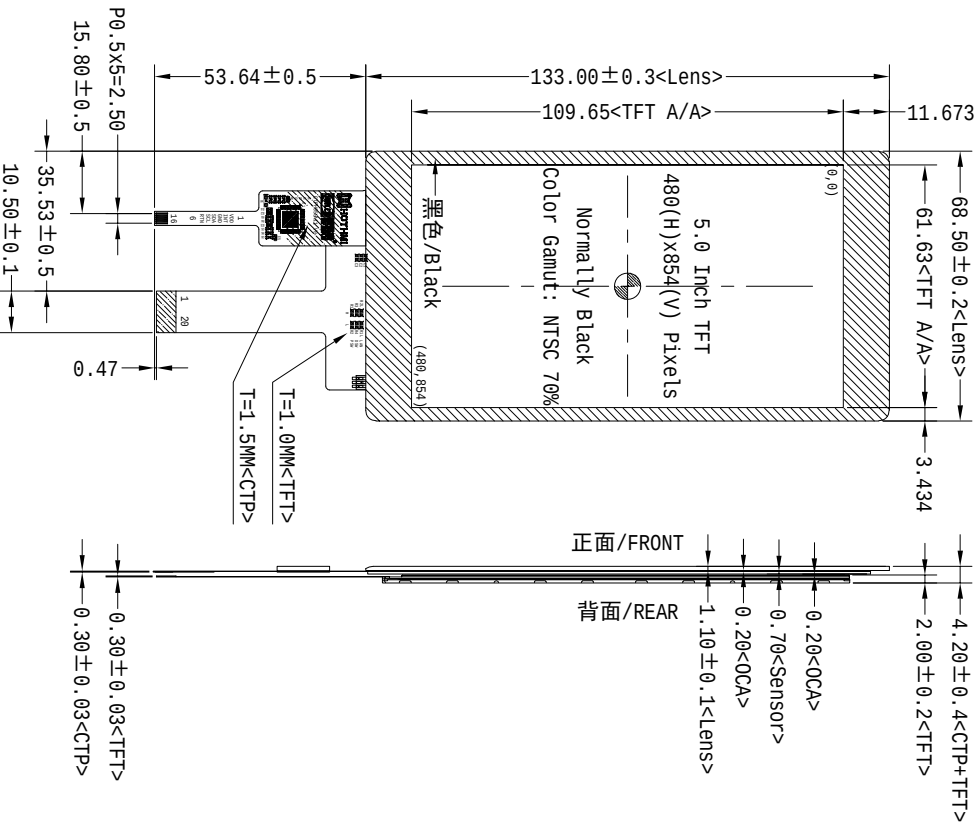


***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel.If the LCD needs to display a fixed pattern, it is recommended to refresh the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

TFT Pin_SIGNAL CTP Pin_SIGNAL

1	NC	1	VDD
2	LEDK	2	INT
3	NC	3	GND
4	LEDA	4	SDA
5	NC	5	SCL
6	VCI	6	RTN
7	IOVCC		
8	NC		
9	RESX		
10	GND		
11	D1P		
12	D1N		
13	GND		
14	DCKP		
15	DCKN		
16	GND		
17	DOP		
18	DON		
19	GND		
20	GND		



产品型号
Product model
TFT-H050A11FWIST5C20

比例
Scale
1:1

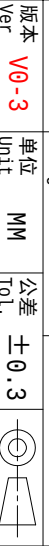
设计制图
Design
Liu.YL

日期
Date
2025-10-29

版本
Ver
V0-3

单位
Unit
MM

公差
Tol.
±0.3



TFT 观看方向 TFT Viewing Direction	U80/D80/R80/L80 (Typ.)	TFT 工作温度 TFT Operating Temp	-20 °C ~ +70 °C
TFT 接口 TFT Interface	MIPI 1L/2L(Default)<TFT>, IIC<CTP>	TFT 储存温度 TFT Storage Temp	-30 °C ~ +80 °C
工作电压 Operating Voltage	VDD=VCI=3.3V±0.3, IOVCC=1.7~3.3V	背光驱动条件 Backlight conditions	Vf=19.0±2.0V, If=40mA
驱动芯片 Driver IC	ST7701S<TFT>, GT911<CTP>	液晶模组亮度 LCM Brightness	500±100 cd/m²/恒流测试

A

B

C

D