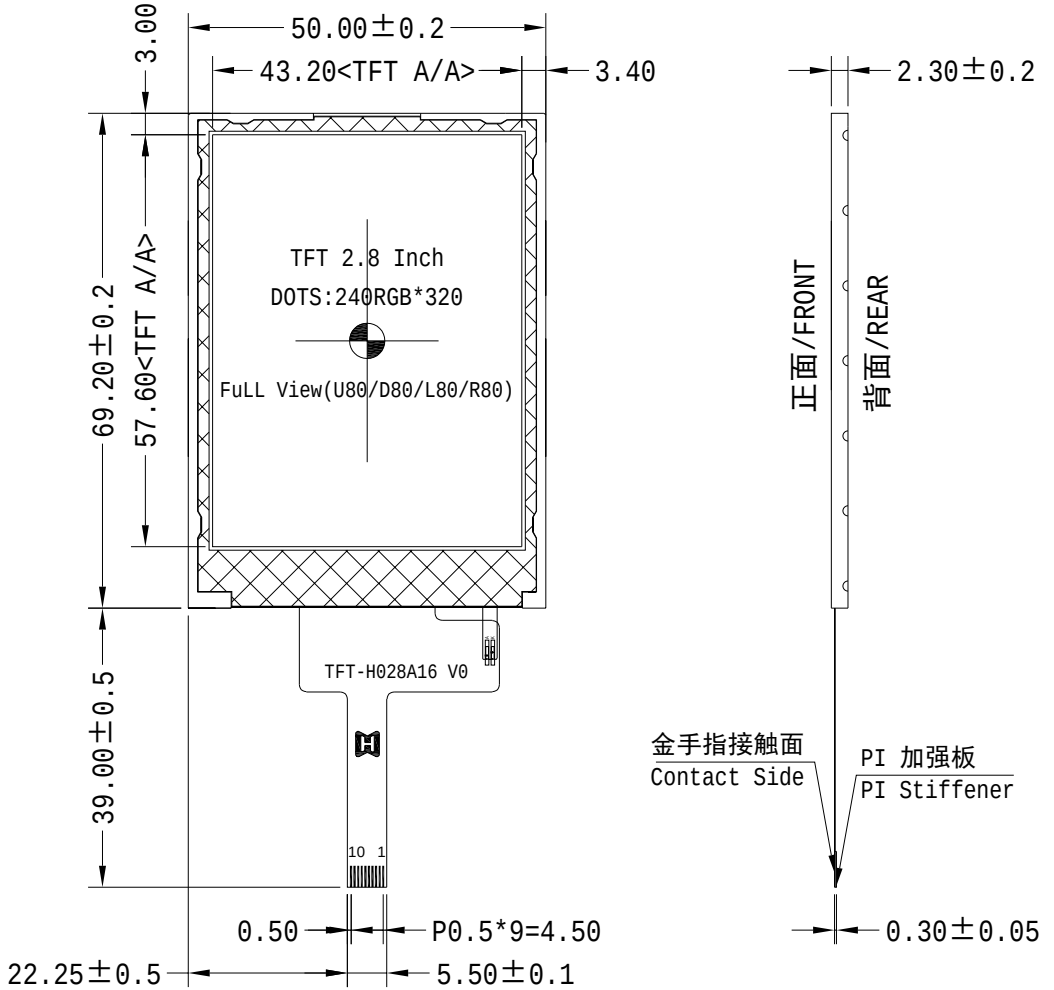
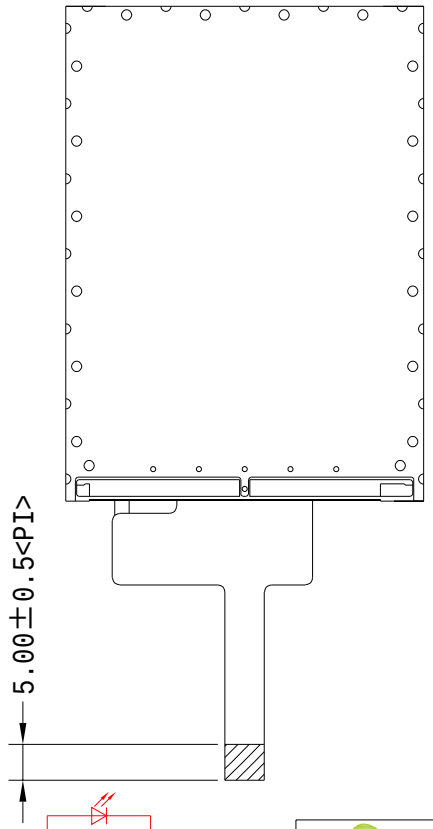
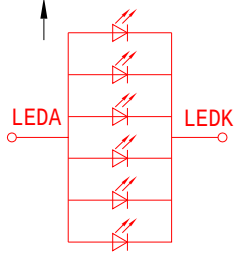
***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel.If the LCD needs to display a fixed pattern, it is recommended to refresh the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







Vf=3.0 ～ 3.4V,If=120mA
Constant Current Test

Pin_SIGNAL		Pin_SIGNAL	
1	LEDA		
2	VCI		
3	CSX		
4	RESX		
5	SCL		
6	SDA		
7	D/CX		
8	SDO		
9	LEDK		
10	GND		

液晶显示类型 LCD Display Type	薄膜晶体管/透射式/常黑/262K 色 TFT/Transmissive/Normally Black/262K COLOR		
观看方向/角度 Viewing Diretion	Full View(U80/D80/R80/L80)	TFT 储存温度 TFT Storage Temp	-30 ℃ ～ 80 ℃
接口 Interface	4-line 8bit serial I/F	驱动芯片 Driver IC	ST7789
工作电压 Operating Voltage	VCI=3.3V(Typ)	背光 Backlight	白色/6 LEDs/1灯串联4路并联
TFT 工作温度 TFT Operating Temp	-30 ℃ ～ 80 ℃	液晶模组亮度 LCM Brightness	500 cd/m² (Typ)/固定电流测试

HOTHMI

产品型号 Product model	TFT-H028A16QVIST5N10		
比例 Scale 1:1	设计制图 Design Liu.YL	日期 Date 2022-09-14	
版本 Ver V0-0	单位 Unit MM	公差 Tol. ±0.3	