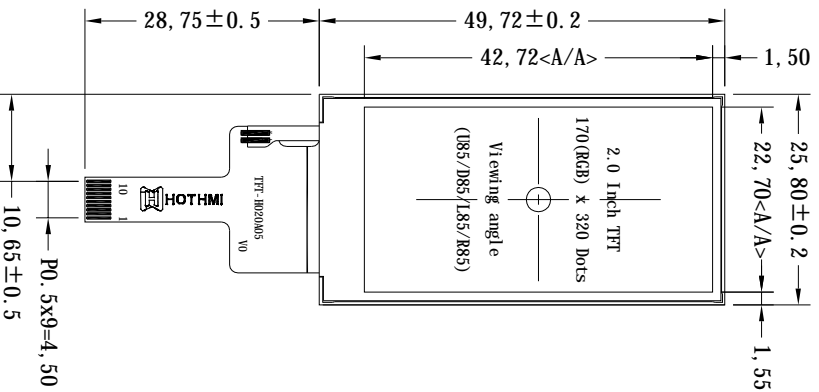
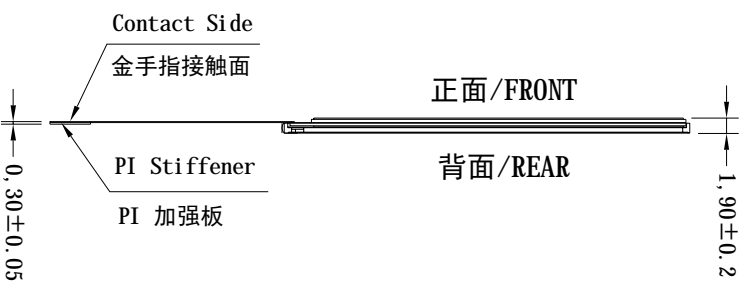


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to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

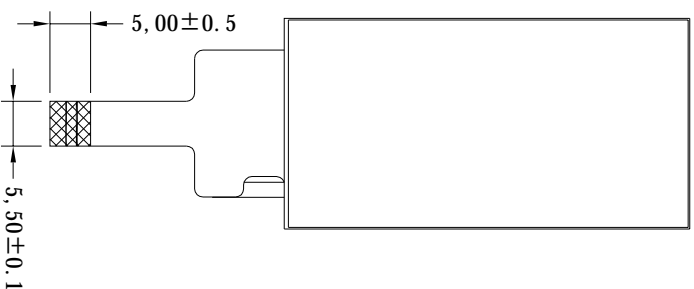
### 正面/FRONT



### 侧面/Side

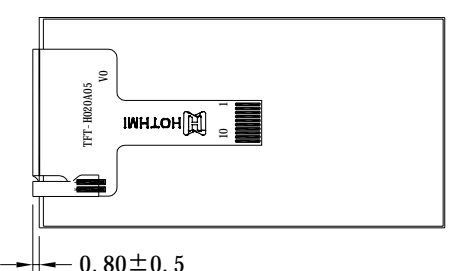


### 背面/REAR



### FPC弯折参考

FPC bending reference



Write cycle: 66ns  
 SPI Cycle: 62.5MHZ

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

液晶显示类型 LCD Display Type	薄膜晶体管/透射式/常白/262K色/色域 65%(典型值) TFT/Transmissive/Normaly White/262K Color/65%(Typ)
观看方向/角度 Viewing Direction	U85/D85/L85/R85
接口 Interface	SPI 4-Line (8bit)
工作电压 Operating Voltage	VCI=2.8V ~ 3.3V(Typ)
TFT 工作温度 TFT Operating Temp	-30° C ~ 80° C

TFT 储存温度 TFT Storage Temp	-30° C ~ 80° C
驱动芯片 Driver IC	ST7789
背光 Backlight	白色/4 LEDs/4 LEDs并联
液晶模组亮度 LCM Brightness	700 cd/m <sup>2</sup> (Typ)/固定电流测试

产品型号  
Product model

比例  
Scale

版本  
Ver

设计制图  
Design

日期  
Date

公差  
Tol.

**TFT-H020A05QVIST7N10**

**Li u. YL**

**2023-11-08**

**MM**

**±0.3**

**HOT HMI**

