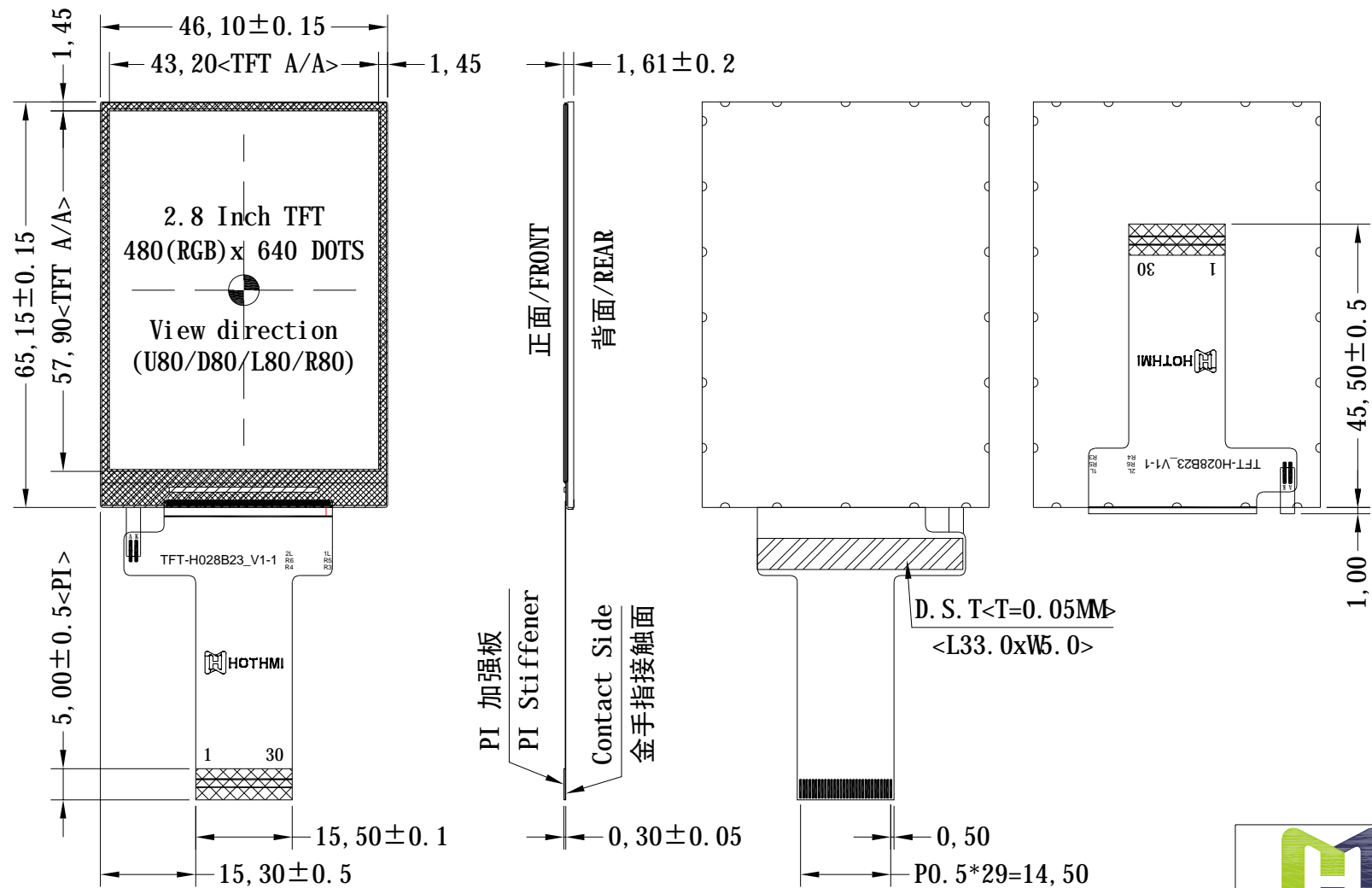



\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to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

字体：黑体  
 bold (typeface)



| Pin_SIGNAL | Pin_SIGNAL | Pin_SIGNAL | Pin_SIGNAL |
|------------|------------|------------|------------|
| 1          | LEDA       | 21         | GND        |
| 2          | LEDA       | 22         | NC         |
| 3          | LEDK       | 23         | NC         |
| 4          | LEDK       | 24         | GND        |
| 5          | GND        | 25         | NC         |
| 6          | GND        | 26         | NC         |
| 7          | NC         | 27         | GND        |
| 8          | VCI        | 28         | GND        |
| 9          | IOVCC      | 29         | GND        |
| 10         | RESX       | 30         | GND        |
| 11         | NC         |            |            |
| 12         | GND        |            |            |
| 13         | DCKP       |            |            |
| 14         | DCKN       |            |            |
| 15         | GND        |            |            |
| 16         | DOP        |            |            |
| 17         | DON        |            |            |
| 18         | GND        |            |            |
| 19         | D1P        |            |            |
| 20         | D1N        |            |            |

|                                |  |                                |                                    |
|--------------------------------|--|--------------------------------|------------------------------------|
| 液晶显示类型<br>LCD Display Type     | 薄膜晶体管/透射式/常黑/16.7M色<br>TFT/Transmissive/Normally Black/16.7M COLOR |                                |                                    |
| 观看方向/角度<br>Viewing Direction   | U80/D80/R80/L80  | TFT 储存温度<br>TFT Storage Temp   | -30 °C ~ 80 °C                     |
| 接口<br>Interface                | MPI 2L   | 驱动芯片<br>Driver IC              | ST7701<TFT>或兼容芯片                   |
| 工作电压<br>Operating Voltage      | IOVCC=1.8V, VCI=3.3V(Type)   | 背光驱动条件<br>Backlight conditions | Vf=18.0 ~ 20.4V, If=20mA           |
| TFT 工作温度<br>TFT Operating Temp | -20 °C ~ 70 °C   | 液晶模组亮度<br>LCM Brightness       | 800 cd/m <sup>2</sup> (Typ)/固定电流测试 |



# HOTMI

|                       |                             |               |          |
|-----------------------|-----------------------------|---------------|----------|
| 产品型号<br>Product model | <b>TFT-H028B23VGI8T8N30</b> |               |          |
| 比例<br>Scale           | 1:1                         | 设计图<br>Design | Li u. YL |
| 日期<br>Date            | 2024-06-04                  | 公差<br>Tol.    | ±0.3     |
| 版本<br>Ver             | V1-0                        | 单位<br>Unit    | MM       |