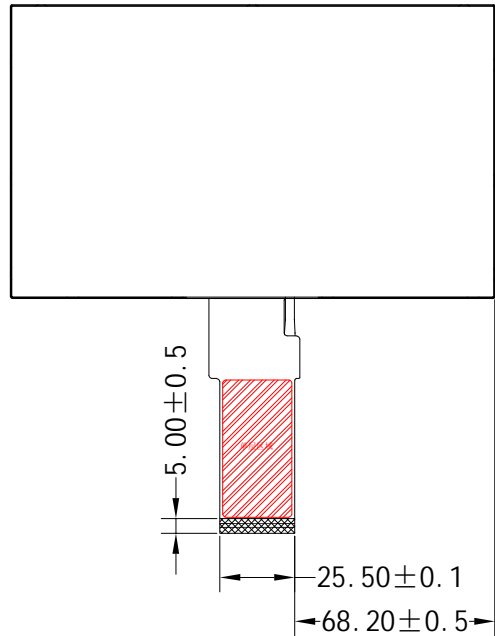
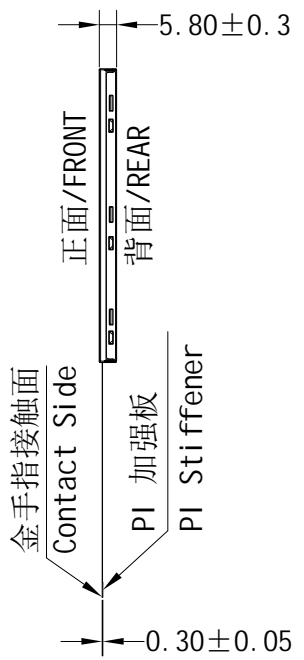
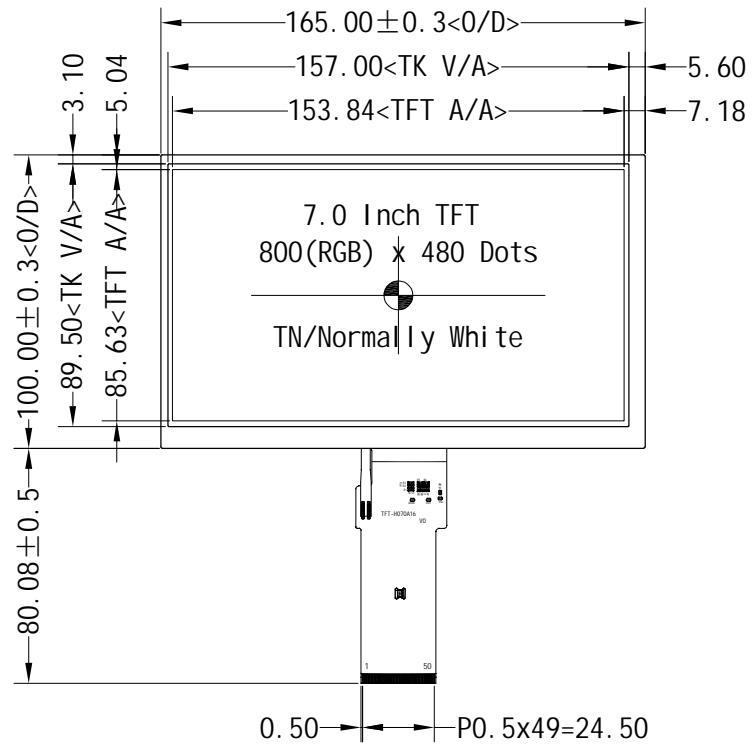


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to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

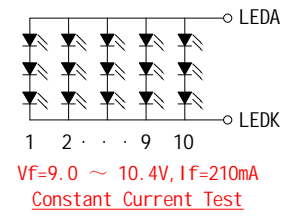
黑体

| TFT Pin_SIGNAL |      |    |        |
|----------------|------|----|--------|
| 1              | LEDA | 26 | DG1    |
| 2              | LEDA | 27 | DG0    |
| 3              | LEDK | 28 | DR7    |
| 4              | LEDK | 29 | DR6    |
| 5              | NC   | 30 | DR5    |
| 6              | NC   | 31 | DR4    |
| 7              | VDD  | 32 | DR3    |
| 8              | MODE | 33 | DR2    |
| 9              | DEN  | 34 | DR1    |
| 10             | VSD  | 35 | DRO    |
| 11             | HSD  | 36 | GND    |
| 12             | DB7  | 37 | PCLK   |
| 13             | DB6  | 38 | GND    |
| 14             | DB5  | 39 | LR     |
| 15             | DB4  | 40 | UD     |
| 16             | DB3  | 41 | VGH    |
| 17             | DB2  | 42 | VGL    |
| 18             | DB1  | 43 | AVDD   |
| 19             | DB0  | 44 | RESX   |
| 20             | DG7  | 45 | NC     |
| 21             | DG6  | 46 | VCOM   |
| 22             | DG5  | 47 | DI THB |
| 23             | DG4  | 48 | GND    |
| 24             | DG3  | 49 | NC     |
| 25             | DG2  | 50 | NC     |



| Symbol | Min. | Typ.  | Max. | Unit |
|--------|------|-------|------|------|
| VCI    | 3.0  | 3.3   | 3.6  | V    |
| AVDD   | 10.0 | 10.13 | 10.3 | V    |
| VGH    | 17.0 | 18.0  | 19.0 | V    |
| VGL    | -8.5 | -7.8  | -7.0 | V    |
| VCOM   | 3.0  | 3.3   | 3.6  | V    |

|                                |                        |                              |                                     |
|--------------------------------|------------------------|------------------------------|-------------------------------------|
| 观看方向/角度<br>Viewing Direction   | U60/D70/L70/R70        | TFT 储存温度<br>TFT Storage Temp | -30 °C ~ 80 °C                      |
| 接口<br>Interface                | 24-bit RGB I/F         | 驱动芯片<br>Driver IC            | EK9716<TFT>                         |
| 工作电压<br>Operating Voltage      | VCI = 3.0 ~ 3.3V (Typ) | 背光<br>Backlight              | 白色/30 LEDs/3颗串联10路并联                |
| TFT 工作温度<br>TFT Operating Temp | -20 °C ~ 70 °C         | 液晶模组亮度<br>LCM Brightness     | 1000 cd/m <sup>2</sup> (Typ)/固定电流测试 |



**HOTHMI**

产品型号 **TFT-H070A16SVTFTKN50**

比例 Scale 1:1 设计制图 Design Liu.YL 日期 Date 2023-04-27

版本 Ver VO-0 单位 Unit MM 公差 Tol. ±0.3