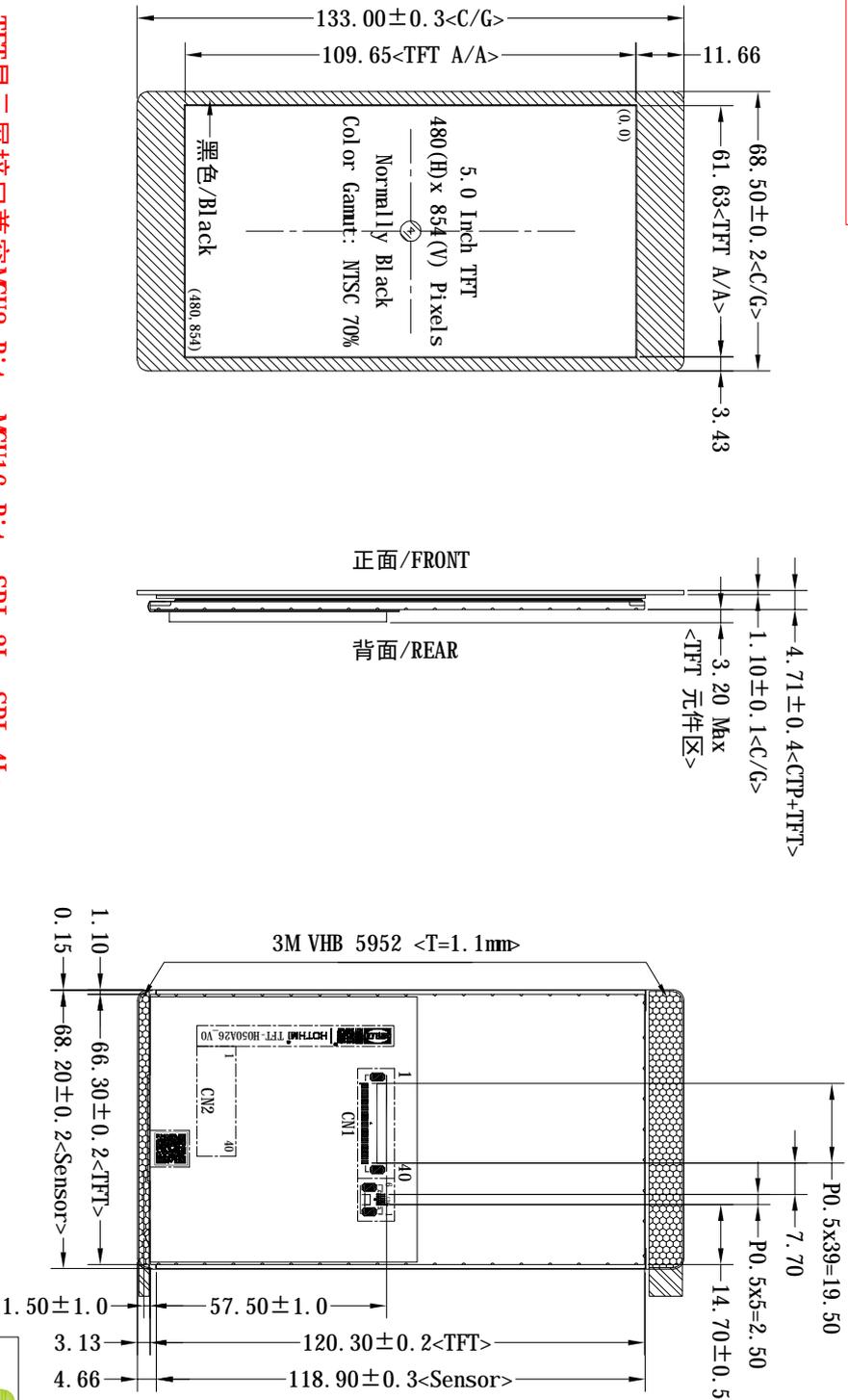


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于2分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh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

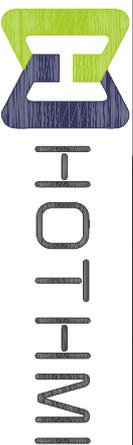


|    |        |    |         |
|----|--------|----|---------|
| 1  | WATT   | 26 | DB6     |
| 2  | INT    | 27 | DB5     |
| 3  | NC     | 28 | DB4     |
| 4  | NC     | 29 | DB3     |
| 5  | LEDA   | 30 | DB2     |
| 6  | LEDA   | 31 | DB1     |
| 7  | LEDK   | 32 | DB0     |
| 8  | LEDK   | 33 | LCD-RST |
| 9  | NC     | 34 | LCD-RD  |
| 10 | TP-VDD | 35 | LCD-WR  |
| 11 | TP-SDA | 36 | LCD-RS  |
| 12 | TP-SCL | 37 | LCD-CS  |
| 13 | GND    | 38 | VCI     |
| 14 | TP-INT | 39 | VCI     |
| 15 | TP-RTN | 40 | GND     |
| 16 | GND    |    |         |
| 17 | DB15   |    |         |
| 18 | DB14   |    |         |
| 19 | DB13   |    |         |
| 20 | DB12   |    |         |
| 21 | DB11   |    |         |
| 22 | DB10   |    |         |
| 23 | DB9    |    |         |
| 24 | DB8    |    |         |
| 25 | DB7    |    |         |

说明1：TFT显示屏接口兼容MCU8-Bit，MCU16-Bit，SPI-3L，SPI-4L；  
 Description 1: The TFT display interface is compatible with MCU8-Bit, MCU16-Bit, SPI-3L and SPI-4L;

|                                     |                                |                                |                                 |
|-------------------------------------|--------------------------------|--------------------------------|---------------------------------|
| TFT 观看角度<br>TFT Viewing Angle range | U80/DB80/R880/L80 (Typ.)       | TFT 工作温度<br>TFT Operating Temp | -20 °C ~ +70 °C                 |
| LCM 接口<br>LCM Interface             | 80-MCU 16-bit <TFT>, 11C <CTP> | TFT 储存温度<br>TFT Storage Temp   | -30 °C ~ +80 °C                 |
| LCM 工作电压<br>LCM Operating Voltage   | TP-VDD = VCI = 3.0±0.3V        | 背光驱动条件<br>Backlight conditions | VF=18.0±1.0V, IF=40mA           |
| LCM 驱动芯片<br>LCM Driver IC           | T.B.D <TFT>, GT911 <CTP>       | 液晶模组亮度<br>LCM Brightness       | 500±100 cd/m <sup>2</sup> /恒流测试 |

|           |                    |
|-----------|--------------------|
| Interface | Data Bus           |
| MCU-16bit | DB10 ~ 151         |
| MCU-8bit  | DB10 ~ 71          |
| SPI-3L    | SCLK, SDA, CS      |
| SPI-4L    | SCLK, SDA, SD0, CS |



产品型号  
 Product model  
**TFT-H050A26FWL1T5C40**

|             |      |                |          |            |            |
|-------------|------|----------------|----------|------------|------------|
| 比例<br>Scale | 1:1  | 设计制图<br>Design | Li u. YL | 日期<br>Date | 2026-02-02 |
| 版本<br>Ver   | V0-1 | 单位<br>Unit     | MM       | 公差<br>Tol. | ±0.3       |