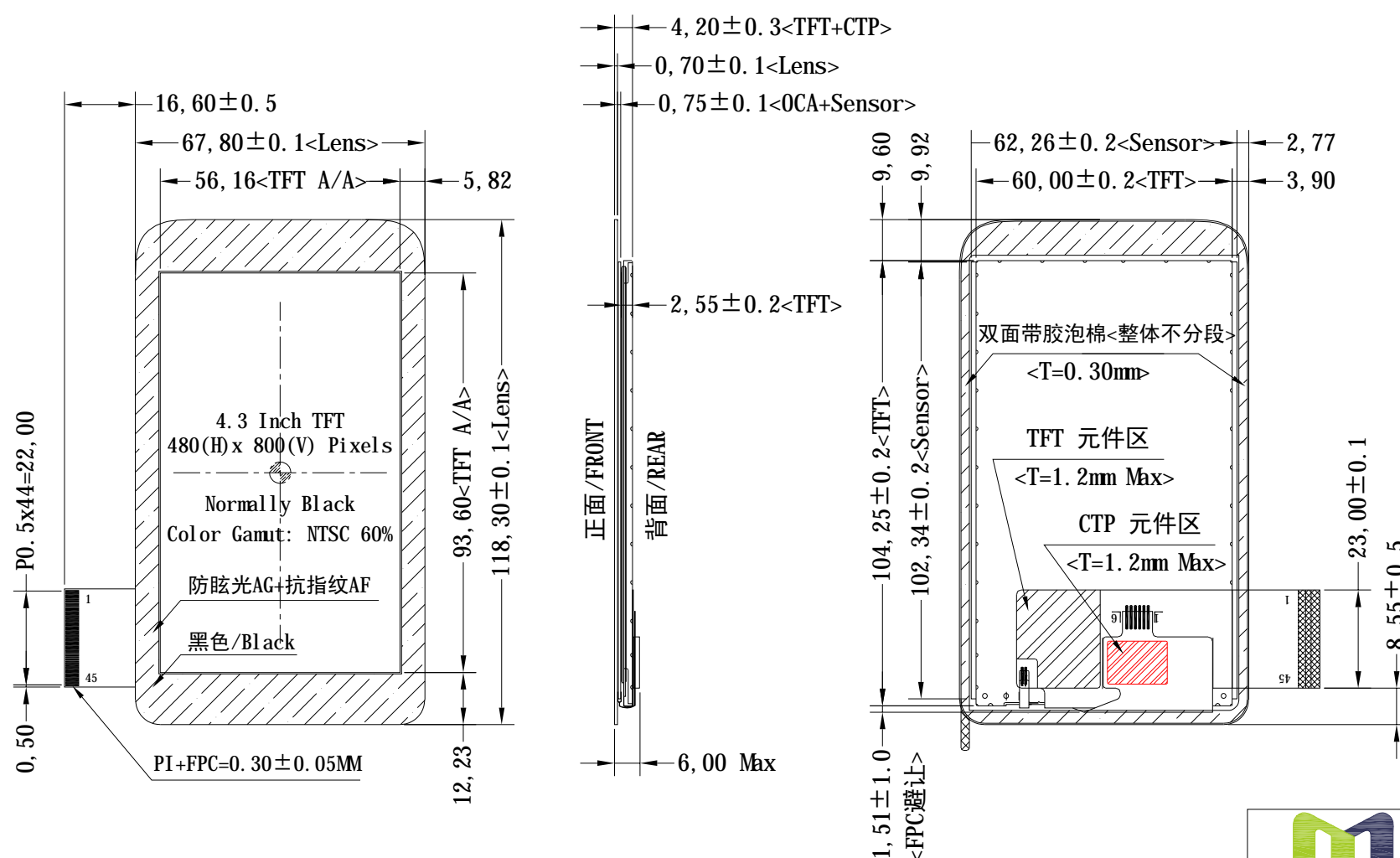


***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
 ***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh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



| | | | |
|----|---------|----|------|
| 1 | TP-SCL | 26 | DG3 |
| 2 | TP-SDA | 27 | DG2 |
| 3 | TP-INT | 28 | DG1 |
| 4 | TP-RTN | 29 | DG0 |
| 5 | GND | 30 | DB7 |
| 6 | GND | 31 | DB6 |
| 7 | VCI | 32 | DB5 |
| 8 | VCI | 33 | DB4 |
| 9 | GND | 34 | DB3 |
| 10 | SPI-SDA | 35 | DB2 |
| 11 | SPI-SCL | 36 | DB1 |
| 12 | SPI-CS | 37 | DB0 |
| 13 | RESX | 38 | DEN |
| 14 | DR7 | 39 | PCLK |
| 15 | DR6 | 40 | HSD |
| 16 | DR5 | 41 | VSD |
| 17 | DR4 | 42 | GND |
| 18 | DR3 | 43 | LEDK |
| 19 | DR2 | 44 | NC |
| 20 | DR1 | 45 | LEDA |
| 21 | DR0 | | |
| 22 | DG7 | | |
| 23 | DG6 | | |
| 24 | DG5 | | |
| 25 | DG4 | | |

| | | | |
|-------------------------------------|-----------------------------|--------------------------------|-----------------------------------|
| TFT 观看角度 TFT Viewing Angle range | U80/D80/R80/L80 (Typ.) | TFT 工作温度 TFT Operating Temp | -20 °C ~ +70 °C |
| LCM 接口 LCM Interface | RGB 24-bit <TFT>, IIC <CTP> | TFT 储存温度 TFT Storage Temp | -30 °C ~ +80 °C |
| LCM 工作电压 LCM Operating Voltage | VCI=3.3 ± 0.3V | 背光驱动条件 Backlight conditions | Vf=16.0 ± 1.0V, If=40mA |
| LCM 驱动芯片 LCM Driver IC | ST7701S <TFT>, GT911 <CTP> | 液晶模组亮度 LCM Brightness | 350 ± 100 cd/m ² /恒流测试 |

图纸字体：黑体
Drawing Font: Bold

HOTHMI

产品型号 **TFT-H043B32WIST3C45**
Product model

比例 1:1 设计图 Liu.YL 日期 2025-12-20
Scale Design Date

版本 V0-1 单位 MM 公差 ±0.3
Ver Unit Tol.