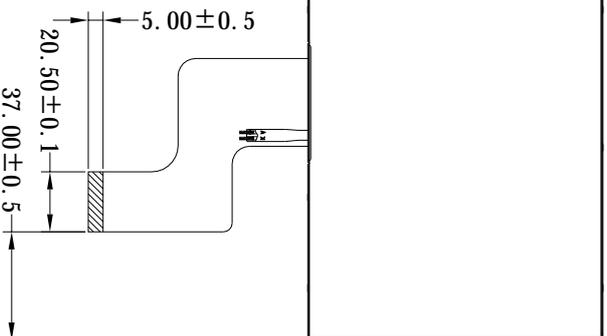
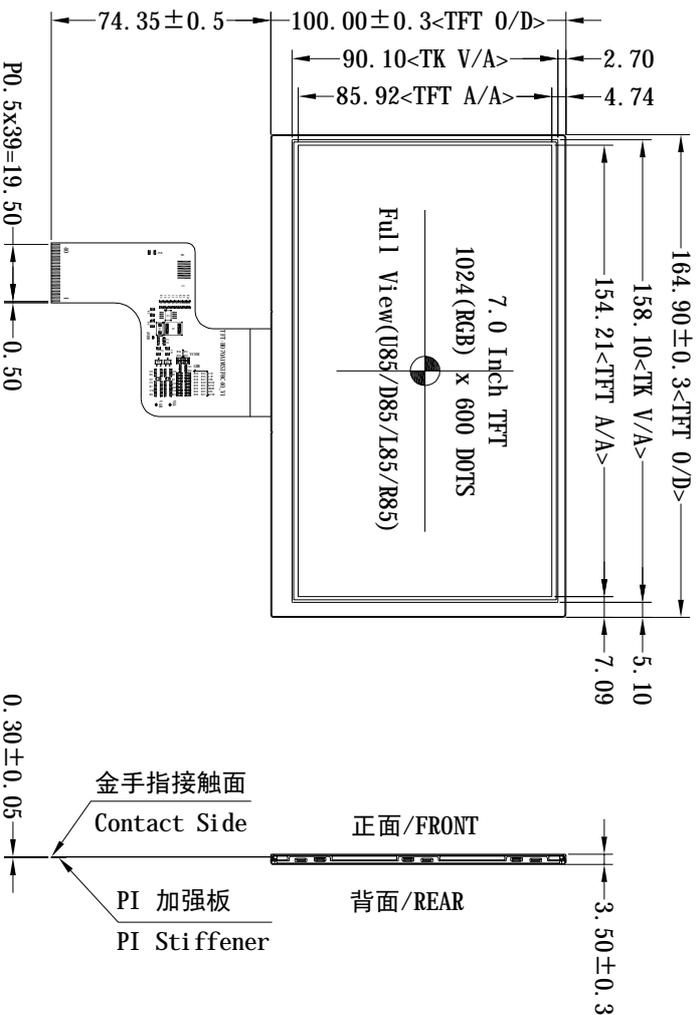


***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于2分钟或者更短的时间内刷新显示内容一次或多次。
 ***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh the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



| Symbol | Min. | Typ. | Max. | Unit |
|--------|------|-------|------|------|
| VCI | 8.9 | 9.1 | 9.3 | V |
| AVDD | 10.0 | 10.13 | 10.3 | V |
| VGH | 17.0 | 18.0 | 19.0 | V |
| VGL | -6.5 | -6.0 | -5.5 | V |
| VCOM | 3.0 | 3.2 | 3.4 | V |

| 液晶显示类型 LCD Display Type | 薄膜晶体管/透射式/常黑/16.7M色 TFT/Transmittive/Normally Black/16.7M COLOR |
|--------------------------------|--|
| 观看方向/角度 Viewing Direction | Full View(U85/D85/R85/L85) |
| 接口 Interface | 24-bit RGB I/F |
| 工作电压 Operating Voltage | VCI = 3.0 ~ 3.3V (Typ) |
| TFT 工作温度 TFT Operating Temp | -20 °C ~ 70 °C |
| TFT 储存温度 TFT Storage Temp | -30 °C ~ 80 °C |
| 背光 Backlight | EK/9001<TFT> |
| 液晶模组亮度 LCM Brightness | 白色/30 LEDs/3颗串联10路并联 500 cd/m ² (Typ)/固定电流测试 |

字体：黑体
bold (typeface)

| TFT Pin SIGNAL | |
|----------------|-------------|
| 1 | LEDA DB5 |
| 2 | LEDA DB6 |
| 3 | GND DB7 |
| 4 | VCI GND |
| 5 | DB0 PCLK |
| 6 | DB1 STBYB |
| 7 | DB2 HSD |
| 8 | DB3 VSD |
| 9 | DB4 DEN |
| 10 | DB5 CTP_GND |
| 11 | DB6 GND |
| 12 | DB7 CTP_RES |
| 13 | DB0 CTP_SCL |
| 14 | DB1 CTP_SDA |
| 15 | DB2 CTP_INT |
| 16 | DB3 |
| 17 | DB4 |
| 18 | DB5 |
| 19 | DB6 |
| 20 | DB7 |
| 21 | DB0 |
| 22 | DB1 |
| 23 | DB2 |
| 24 | DB3 |
| 25 | DB4 |

产品型号
Product model
TFT-H070A1WS1FT5N40

比例
Scale
1:1

设计制图
Design
Li u. YL

日期
Date
2023-07-21

版本
Ver
V1-2

单位
Unit
MM

公差
Tol.
±0.3

