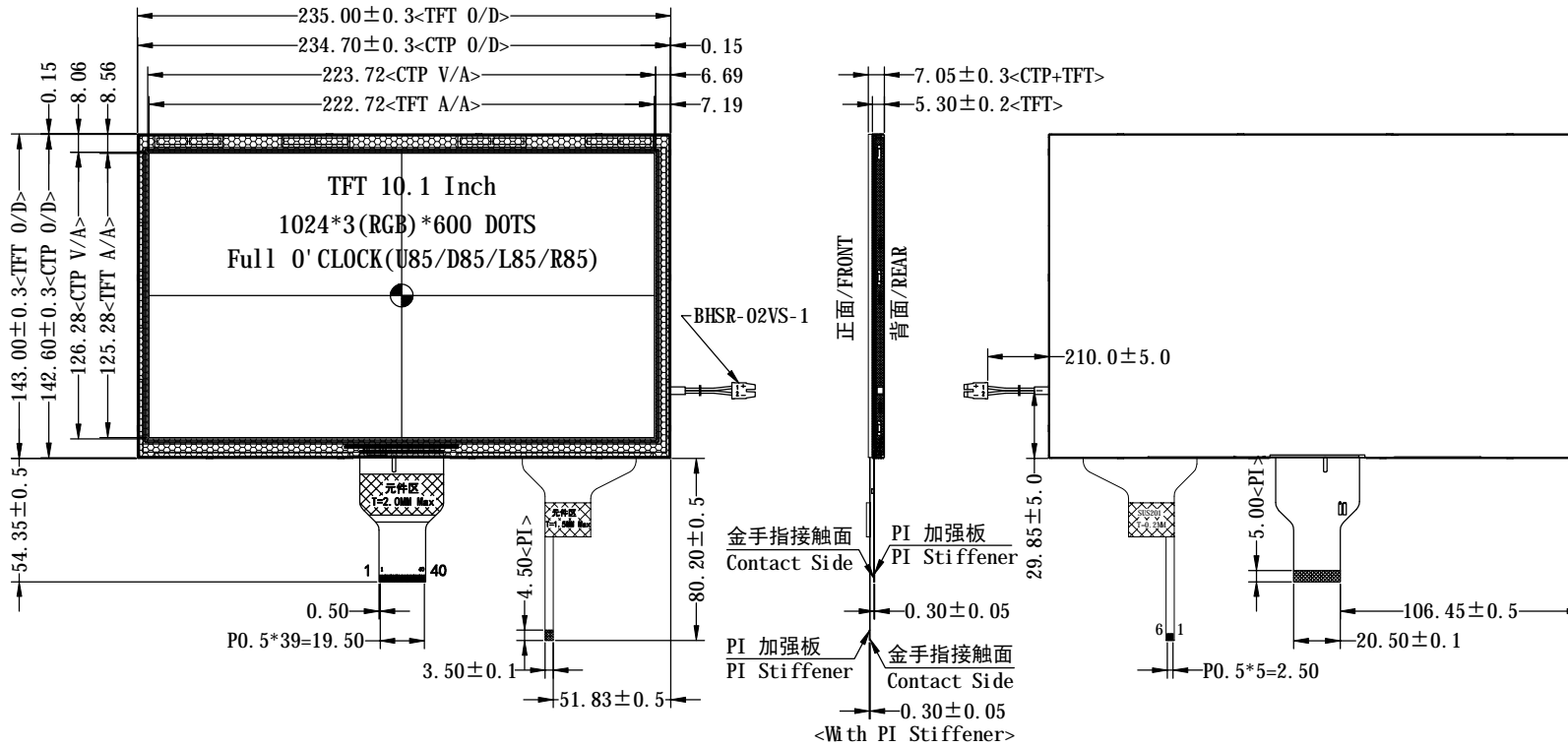
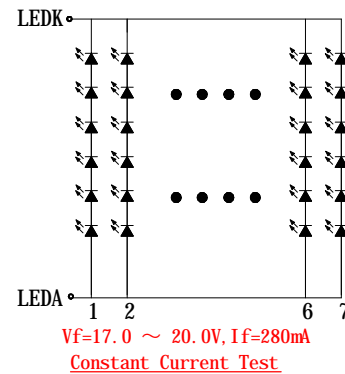


***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
 ***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh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



| Pin | SIGNAL | Pin | SIGNAL |
|-----|--------|-----|--------|
| 1 | VCOM | 21 | D3P |
| 2 | VCI | 22 | GND |
| 3 | VCI | 23 | NC |
| 4 | NC | 24 | NC |
| 5 | RESX | 25 | GND |
| 6 | STBYB | 26 | NC |
| 7 | GND | 27 | NC |
| 8 | DON | 28 | HSD |
| 9 | DOP | 29 | AVDD |
| 10 | GND | 30 | GND |
| 11 | D1N | 31 | LEDK1 |
| 12 | D1P | 32 | LEDK1 |
| 13 | GND | 33 | L/R |
| 14 | D2N | 34 | U/D |
| 15 | D2P | 35 | VGL |
| 16 | GND | 36 | NC |
| 17 | DCKN | 37 | NC |
| 18 | DCKP | 38 | VGH |
| 19 | GND | 39 | LEDA1 |
| 20 | D3N | 40 | LEDA1 |

| Symbol | Min. | Typ. | Max. | Unit | CTP_SIGNAL | CTP_SIGNAL |
|--------|------|------|------|------|------------|------------|
| VCI | 3.0 | 3.3 | 3.6 | V | 1 | RSTN |
| AVDD | 9.4 | 9.6 | 9.8 | V | 5 | SDA |
| VGH | 17.0 | 18.0 | 19.0 | V | 2 | VDD |
| VGL | -6.5 | -6.0 | -5.5 | V | 3 | GND |
| VCOM | 4.0 | 4.2 | 4.4 | V | 4 | INT |



| | | | |
|-----------------------|------------|---------------------|---------|
| 产品型号 Product model | | TFT-H101A9WSIFTKC40 | |
| 比例 Scale | 1:1 | 设计制图 Design | Liu, YL |
| 日期 Date | 2022-07-22 | 版本 Ver | V2-1 |
| 单位 Unit | MM | 公差 Tol. | ±0.3 |

| | | | |
|--------------------------------|--|------------------------------|--|
| 液晶显示类型 LCD Display Type | 薄膜晶体管/透射式/常黑/16.7M色 TFT/Transmissive/Normally Black/16.7M COLOR | | |
| 观看方向/角度 Viewing Direction | Full 0' CLOCK(U85/D85/L85/R85) | TFT 储存温度 TFT Storage Temp | -30 °C ~ 80 °C |
| 接口 Interface | LVDS 4L | 驱动芯片 Driver IC | EK79001-EK73215(TFT) HY4635-N068(CTP) |
| 工作电压 Operating Voltage | VCI=3.3V, VDD=3.3V(Typ) | 背光 Backlight | 白色/42 LEDs/6颗串联7路并联 |
| TFT 工作温度 TFT Operating Temp | -20 °C ~ 70 °C | 液晶模组亮度 LCM Brightness | 1000 cd/m ² (Typ)/固定电流测试 |