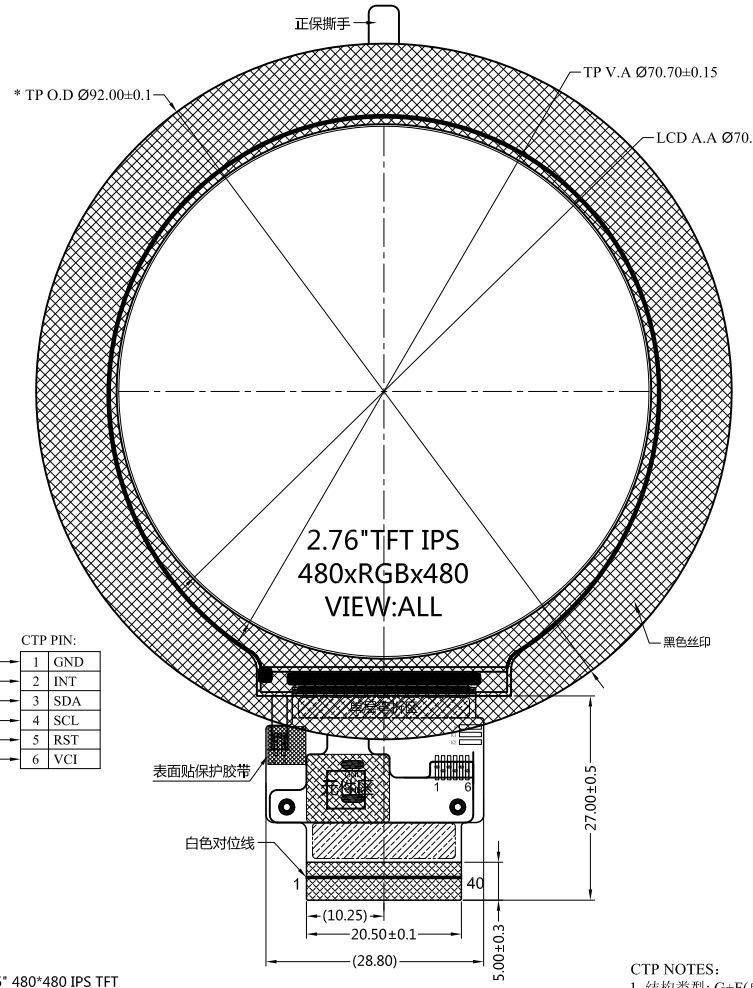
| REV. | REVISION RECORD | DESIGN | DATE |
|---|---|---|---|
| A | First Issue | 罗垂战 | 2022.19 |

## 正视图



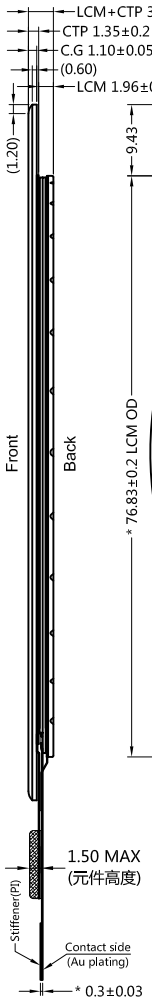

LCM FPC PIN:

| | |
|---|---|
| 1 | LED_A+ |
| 2 | LED_K1- |
| 3 | LED_K2- |
| 4 | GND |
| 5 | VCI(3.3V) |
| 6 | RESET |
| 7 | NC |
| 8 | NC |
| 9 | SDA |
| 10 | SCK |
| 11 | CS |
| 12 | PCLK |
| 13 | DE |
| 14 | VSYNC |
| 15 | HSYNC |
| 16 | DB0 |
| 17 | DB1 |
| 18 | DB2 |
| 19 | DB3 |
| 20 | DB4 |
| 21 | DB5 |
| 22 | DB6 |
| 23 | DB7 |
| 24 | DB8 |
| 25 | DB9 |
| 26 | DB10 |
| 27 | DB11 |
| 28 | DB12 |
| 29 | DB13 |
| 30 | DB14 |
| 31 | DB15 |
| 32 | DB16 |
| 33 | DB17 |
| 34 | GND |
| 35 | TP_INT |
| 36 | TP_SDA |
| 37 | TP_SCL |
| 38 | TP_RESET |
| 39 | TP_VCI |
| 40 | GND |

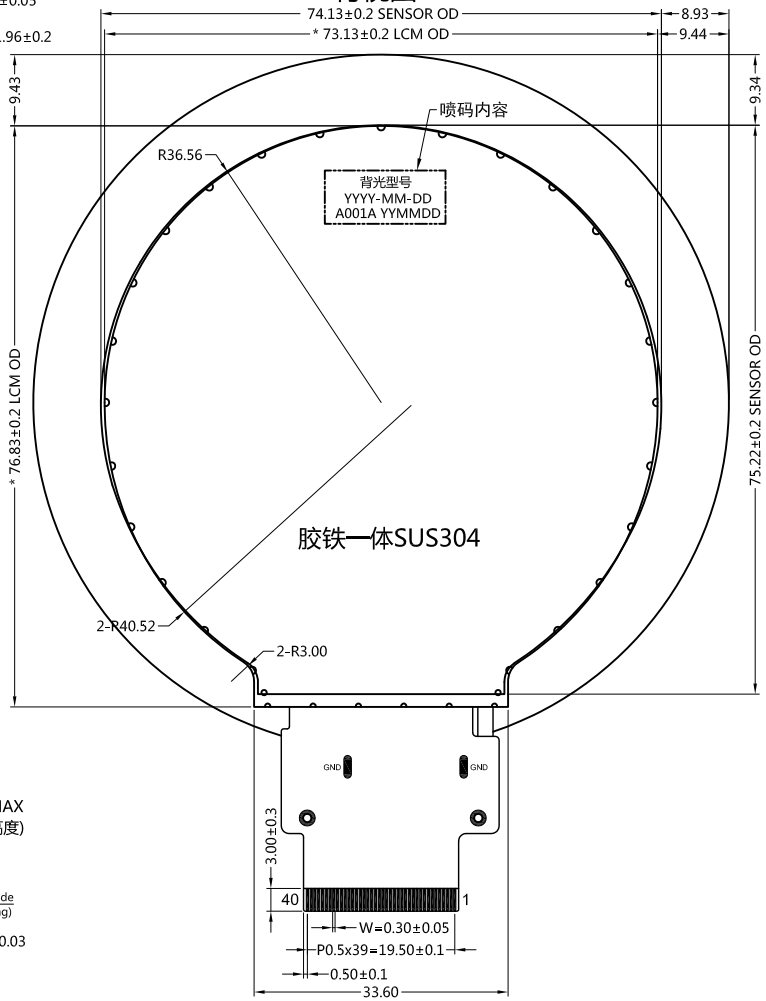
CTP PIN:

| | |
|---|---|
| 1 | GND |
| 2 | INT |
| 3 | SDA |
| 4 | SCL |
| 5 | RST |
| 6 | VCI |

## 侧视图

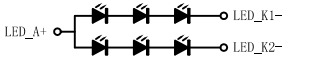



## 背视图




LCM NOTES:
1. Display Type: 2.76" 480*480 IPS TFT
   TRANSMISSVE NORMALLY BLACK
2. Viewing Direction: ALL
3. Driver IC: GC9503CV
4. Operating Temp.:-20°C TO 70°C;
   Storage Temp.:-30°C TO 80°C,
5. BL Type: 6 CHIP-WHITE LEDS, @If=40mA, Vf=9.3V(TYP)
   LCM Luminance : 400cd/m² MIN; 450cd/m² TYP;
   White Chromaticity: X=0.30±0.04, Y=0.31±0.04;
6. Unspecified Tolerance:±0.2mm;
7. With " * " is the focus of inspection dimension
8. Dimensions with mark"( )" are reference
9. RoHS2.0 must be Compliant

Backlight Circuit Diagram (2*3=6 SMD LED)
@If=40mA, Vf=9.3V(TYP);




CTP NOTES:
1. 结构类型: G+F(单点触控+手势)
2. 盖板: 硝子玻璃(1.1t)，表面镀AF
3. IC型号: CST836U
4. 分辨率: 480*480
5. VDD：3.3V, IIC通信电压：3.3V
6. 表面硬度: ≥7H; 透光率: ≥85%;
   (表面应力CS≥500Mpa; 强化深度DOL≥10um)
7. Operating Temp.:-20°C TO 70°C;
   Storage Temp.:-30°C TO 80°C,
8. Unspecified Tolerance:±0.2mm;
9. With " * " is the focus of inspection dimension
10. Dimensions with mark"( )" are reference
11. RoHS2.0 must be Compliant

| CUSTOMER APPROVE | 优奕视界 VIEWE 深圳市优奕视界有限公司 SHENZHEN VIEWE TECHNOLOGY CO.,LTD | | | |
|---|---|---|---|---|
| | MODUEL NO. | ALL-UE028WV-RB40-A001A | DRAWN | 罗垂战 |
| | TITLE | LCM | CHECKED | 肖喜亮 |
| | SCALE 1:1 | 第三视角 | APPROVE | 钟祥林 |
| | | | UNIT: MM | PAGE: 1/1 |