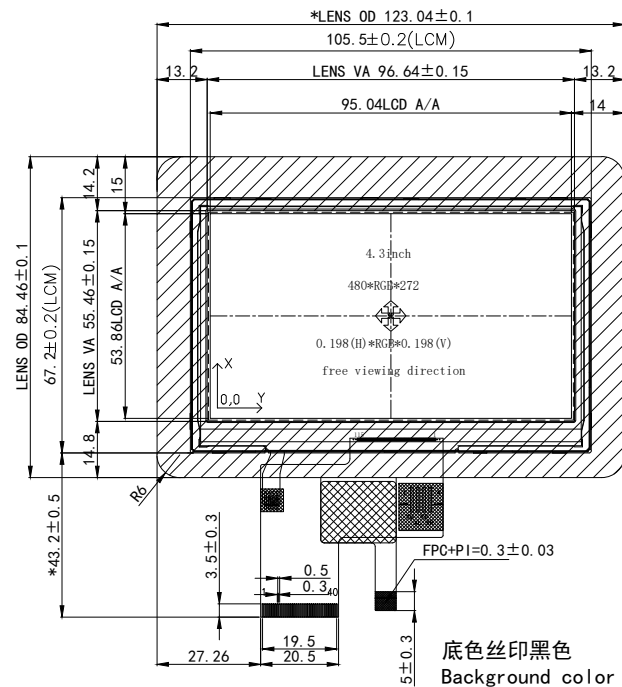
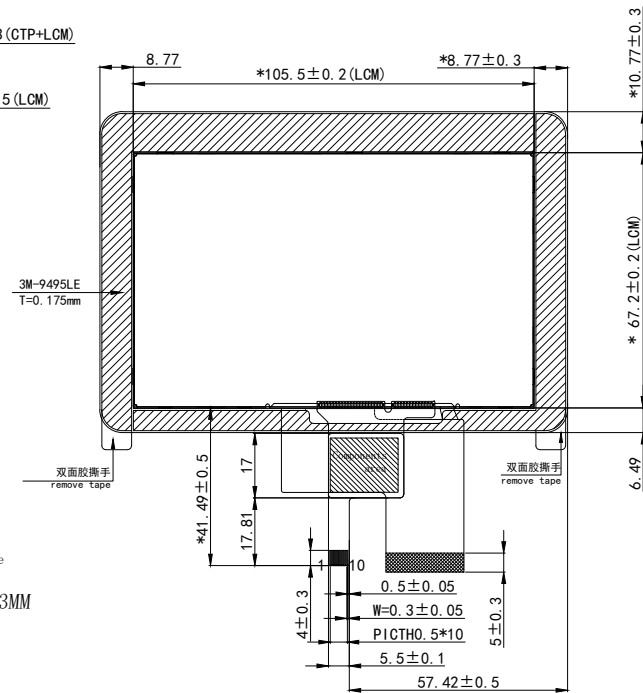
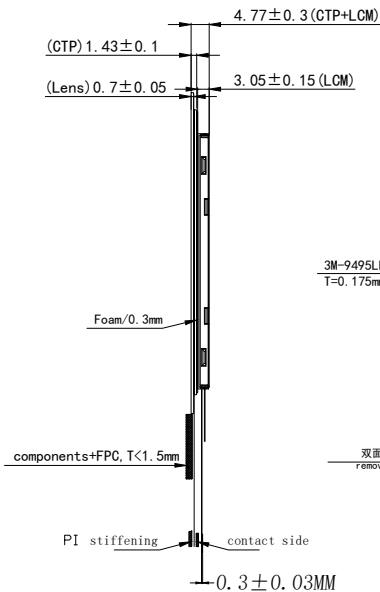




底色丝印黑色  
Background color screen  
printing black

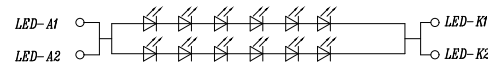


LCM PIN Definition

| Pin | Symbol | Description            |
|-----|--------|------------------------|
| 1   | LED-   | Power for LED          |
| 2   | LED+   | Power for LED          |
| 3   | GND    | Power ground           |
| 4   | VDD    | Power supply           |
| 5   | R0     | Blue data(LSB)         |
| 6   | R1     | Red data               |
| 7   | R2     | Red data               |
| 8   | R3     | Red data               |
| 9   | R4     | Red data               |
| 10  | R5     | Red data               |
| 11  | R6     | Red data               |
| 12  | R7     | Red data(MSB)          |
| 13  | G0     | Green data(LSB)        |
| 14  | G1     | Green data             |
| 15  | G2     | Green data             |
| 16  | G3     | Green data             |
| 17  | G4     | Green data             |
| 18  | G5     | Green data             |
| 19  | G6     | Green data             |
| 20  | G7     | Green data             |
| 21  | B0     | Blue data(LSB)         |
| 22  | B1     | Blue data              |
| 23  | B2     | Blue data              |
| 24  | B3     | Blue data              |
| 25  | B4     | Blue data              |
| 26  | B5     | Blue data              |
| 27  | B6     | Blue data              |
| 28  | B7     | Blue data(MSB)         |
| 29  | GND    | Power Ground           |
| 30  | PCLK   | Pixel clock            |
| 31  | DISP   | Display on/off         |
| 32  | HSYNC  | Horizontal sync signal |
| 33  | VSYNC  | Vertical sync signal   |
| 34  | DE     | Data enable            |
| 35  | NC     | NC                     |
| 36  | GND    | NC                     |
| 37  | XR     | NC                     |
| 38  | YD     | NC                     |
| 39  | XL     | NC                     |
| 40  | YU     | NC                     |

Note: The general tolerance is  $\pm 0.2\text{mm}$ .

|                       |                                             |
|-----------------------|---------------------------------------------|
| LCD Type              | 4.3" TFT, Transmissive, Normally black, FFS |
| Resolution            | 480(RGB)*272                                |
| View Direction        | free                                        |
| Driver IC             | ST7282                                      |
| Color Depth           | 16.7M                                       |
| Interface Types       | RGB24-bit                                   |
| Operating voltage     | VDD=3.3V                                    |
| TP/Lens               | With CTP (FT5316)                           |
| Backlight LEDs        | 12 LEDs, 40mA, 18.6V                        |
| Surface luminance     | 550(mn), 600(tp)cd/m <sup>2</sup> , IF=40mA |
| Operating temperature | -20 °C~70 °C                                |
| Storage Temperature   | -30 °C~80 °C                                |
| Storage Humidity      | 60% 90% max                                 |



Note: Customers are advised to use constant current source to drive backlight

|                                                  |                       |           |                                                                   |                  |             |               |
|--------------------------------------------------|-----------------------|-----------|-------------------------------------------------------------------|------------------|-------------|---------------|
| " " Need to pay attention to the key size with * |                       |           | TSD 东莞市一众显示科技有限公司<br>DONG GUAN TEAM SOURCE DISPLAY TECH. CO, LTD. |                  |             |               |
| 版本 (Version)                                     | 变更记录 (Change History) | 日期 (Date) | 视角 (View):                                                        | 比例 (Proportion): | 设计 (DESIGN) | 审核 (AUDITING) |
| A0                                               | 初次版本                  | 2019-8-31 | 单位 (Unit):                                                        | 页面 (Page):       | 1 / 1       | 批准 (APPROVED) |
| A1                                               |                       |           | 产品型号 (Product Type):                                              | TST043WQHS-72C   |             | Aron          |
| A2                                               |                       |           | 图纸版本 (Version):                                                   | A0               |             | 2019.8.31     |