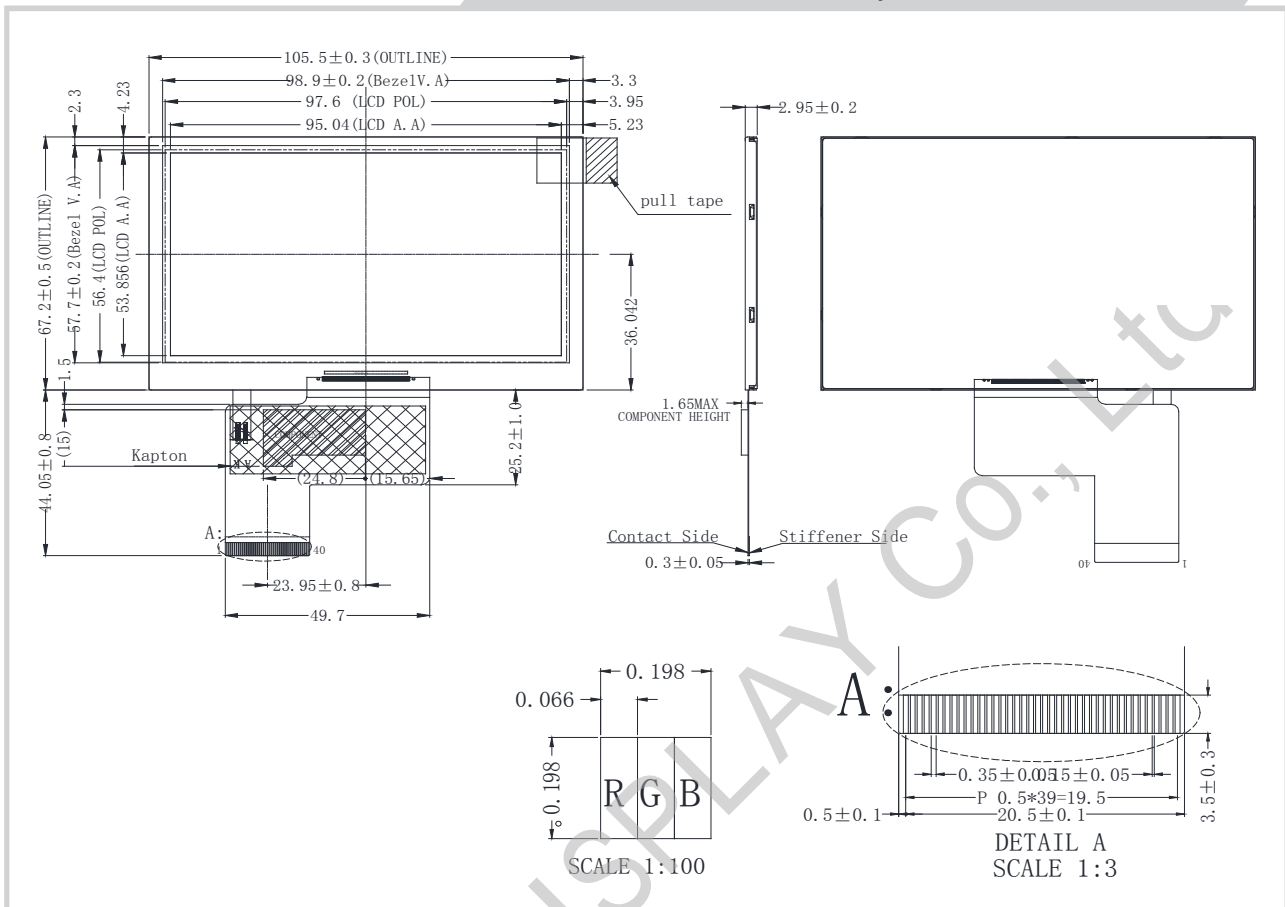


WF43H TFT Graphic 480x272 dots



Feature

- 4.3 inches Color TFT
- Dot Matrix: 480xRGBx272
- View Direction: 12 o'clock
- Gray Scale Inversion Direction: 6 o'clock
- +3.3V power supply of VCC
- Option Control-board/Frame/RTP/CTP
- Interface : RGB 888(Only DE-SYNC)

| Pin No. | Symbol | function |
|---------|--------|---|
| 1 | VLED- | Power for LED backlight cathode |
| 2 | VLED+ | Power for LED backlight anode |
| 3 | GND | Power ground |
| 4 | VCC | Power voltage |
| 5 | R0 | Red data (LSB) |
| 6~11 | R1~6 | Red data |
| 12 | R7 | Red data (MSB) |
| 13 | G0 | Green data (LSB) |
| 14~19 | G1~6 | Green data |
| 20 | G7 | Green data (MSB) |
| 21 | B0 | Blue data (LSB) |
| 22~27 | B1~6 | Blue data |
| 28 | B7 | Blue data (MSB) |
| 29 | GND | Power ground |
| 30 | CLK | Pixel clock |
| 31 | DISP | Display on/off |
| 32 | HSYNC | Horizontal sync signal; negative polarity |
| 33 | VSYNC | Vertical sync signal; negative polarity |
| 34 | DE | Data Enable |
| 35 | NC | No connection |
| 36 | GND | Power ground |
| 37~40 | NC | No connection |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 105.5 x 67.2 | mm |
| Viewing Area | 98.9 x 57.7 | mm |
| Active Area | 95.04 x 53.85 | mm |
| Dot Pitch | 0.066 x 0.198 | mm |

Electrical Characteristics (Operating conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|----------------|--------|-----|-----|-----|------|
| Supply Voltage | VCC | 3 | 3.3 | 3.5 | V |
| Supply Current | ICC | --- | 17 | 25 | mA |

Electrical Characteristics (B/L driving conditions)

| Parameter | Symbol | Min | Typ | Max | Unit |
|-------------|--------|-----|-----|-----|------|
| LED Voltage | VLED+ | 30 | 32 | 34 | V |
| LED Current | --- | --- | 20 | --- | mA |