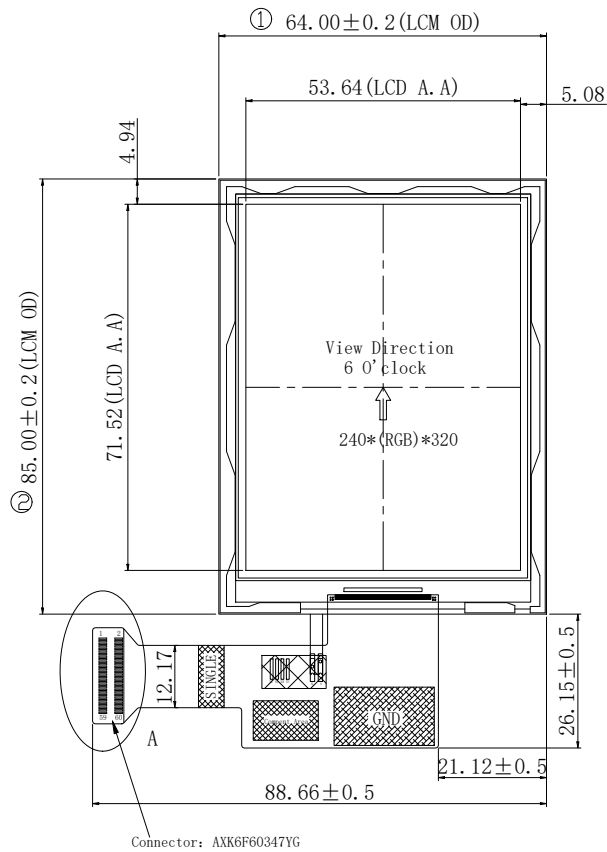
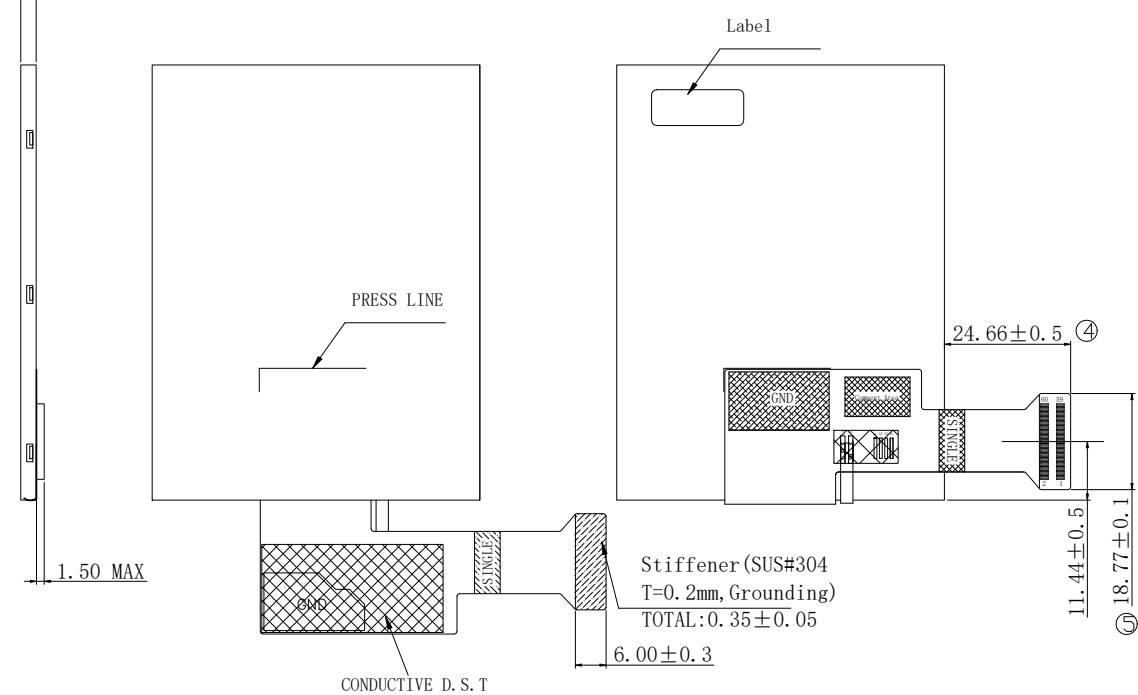


## PIN DESCRIPTION

|    |        |
|----|--------|
| 1  | GND    |
| 2  | YU     |
| 3  | XR     |
| 4  | YD     |
| 5  | XL     |
| 6  | GND    |
| 7  | NC     |
| 8  | NC     |
| 9  | GND    |
| 10 | NC     |
| 11 | NC     |
| 12 | NC     |
| 13 | NC     |
| 14 | NC     |
| 15 | GND    |
| 16 | NC     |
| 17 | RESET  |
| 18 | NC     |
| 19 | NC     |
| 20 | VSHD   |
| 21 | GND    |
| 22 | B00    |
| 23 | B01    |
| 24 | B02    |
| 25 | B03    |
| 26 | B04    |
| 27 | B05    |
| 28 | GND    |
| 29 | G00    |
| 30 | G01    |
| 31 | G02    |
| 32 | G03    |
| 33 | G04    |
| 34 | G05    |
| 35 | GND    |
| 36 | R00    |
| 37 | R01    |
| 38 | R02    |
| 39 | R03    |
| 40 | R04    |
| 41 | R05    |
| 42 | GND    |
| 43 | VDDI   |
| 44 | NC     |
| 45 | GND    |
| 46 | DCLK   |
| 47 | GND    |
| 48 | ENABLE |
| 49 | GND    |
| 50 | CS     |
| 51 | SDI    |
| 52 | NC     |
| 53 | SOI    |
| 54 | VSYNC  |
| 55 | HSYNC  |
| 56 | NC     |
| 57 | NC     |
| 58 | LED-   |
| 59 | LED+   |
| 60 | GND    |



3.00±0.2 (TFT) ③



## NOTES:

1. GENERAL TOLERANCE: ±0.2
2. ( ) REFERENCE DIMENSION
3. Important dimension: ①~⑤

LED\_K ○ ———— LED\_A

LED CIRCUIT DIAGRAM

19.2V@20mA

|                       |                          |
|-----------------------|--------------------------|
| LCD Type              | 3.5" TFT, Trans flective |
|                       | Normally white           |
| Resolution            | 240(RGB)*320             |
| View Direction        | 6 O'CLOCK                |
| LCD Driver IC         | IL9341V                  |
| Color Depth           | 262K                     |
| Interface Types       | 3wire SPI+RGB18-bit)     |
| Operating voltage     | 2.8V                     |
| TP/Lens               | Without                  |
| Backlight LEDs        | 6 LEDs, 20mA, 19.2V      |
| Surface luminance     | 150 cd/m2                |
| Operating temperature | -20 °C ~ 70 °C           |
| Storage temperature   | -30 °C ~ 80 °C           |

| 版本<br>(Version) | 变更记录 (Change History)          | 日期 (Date)  | 设计 (DESIGN)                 | Bill |
|-----------------|--------------------------------|------------|-----------------------------|------|
| A0              | Initial release                | 2020.02.24 | 审核 (CHECKED)                | Aron |
| A1              | Correction of glass type       | 2020.02.26 | 批准 (APPROVED)               | Aron |
| A2              | Correction of Color Depth 262K | 2023.02.07 | 客户承认<br>(CUSTOMER APPROVAL) |      |



|                              |                       |
|------------------------------|-----------------------|
| TITLE:<br>MODULE SPEC        | 页面 (Page)<br>1 / 1    |
| Drawing No.<br>TST350FPQI-02 | 单位 (Unit)<br>mm       |
|                              | 比例 (SCALE)<br>1 : 1   |
|                              | 角度 (Angle)<br>⊙ ⊞ ⊟ ⊠ |