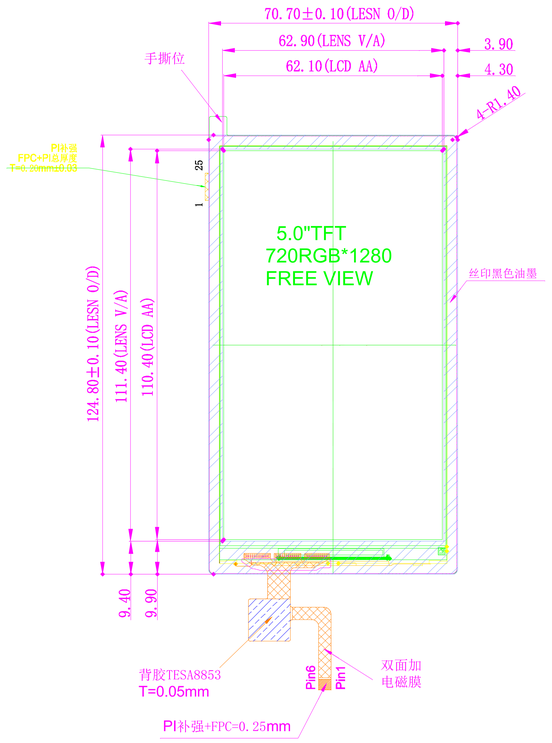
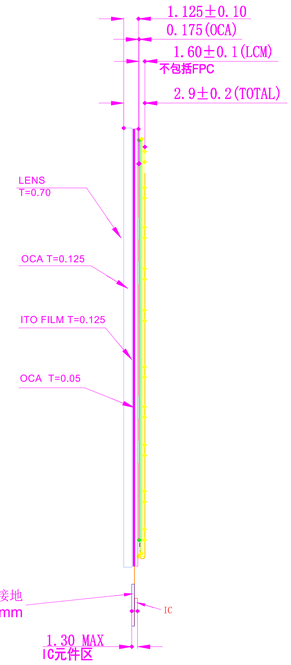
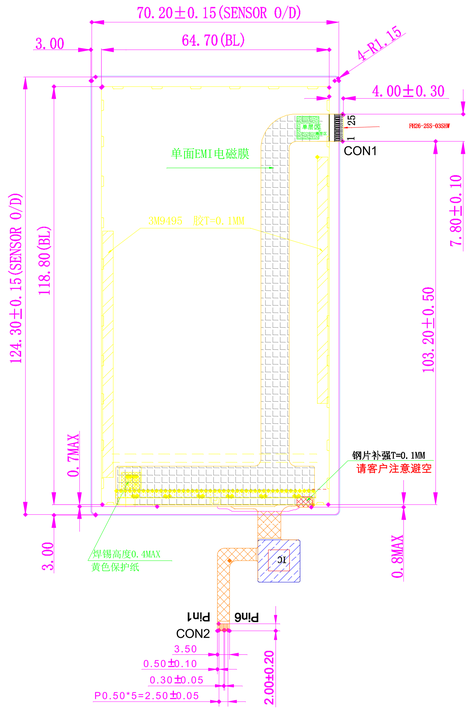



CON1

| Pad No. | Pad Name |
|---|---|
| 1 | NC |
| 2 | VDD_2.8V |
| 3 | IOVDD_1.8V |
| 4 | NC |
| 5 | LRST |
| 6 | LPTE |
| 7 | NC |
| 8 | LED_N |
| 9 | LED_P |
| 10 | GND |
| 11 | LMIPI_D0N |
| 12 | LMIPI_D0P |
| 13 | GND |
| 14 | LMIPI_CN |
| 15 | LMIPI_CP |
| 16 | GND |
| 17 | LMIPI_D1N |
| 18 | LMIPI_D1P |
| 19 | GND |
| 20 | LMIPI_D2P |
| 21 | LMIPI_D2N |
| 22 | GND |
| 23 | LMIPI_D3P |
| 24 | LMIPI_D3N |
| 25 | GND |

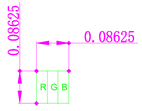
MIPI-Video MODE

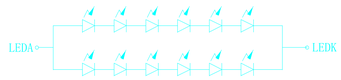
CON2

| PIN | DESCRIPTION |
|---|---|
| 1 | SDA 1.8V |
| 2 | SCL(1.8V) |
| 3 | RESET(1.8V) |
| 4 | INT(1.8V) |
| 5 | VCC(2.8V) |
| 6 | GND |

## NOTES:

1. DISPLAY TYPE: 5.0" TFT 16.7M COLOR
   (TRANSMISSIVE/NORMAL BLACK)
   CTP Construction: G+F; Surface Hardness : 6H
2. LCD Gray Inversion: O'CLOCK
   Recommended Viewing Direction: FREE
3. LCD DRIVER IC: HX8394F
   CTP DRIVER IC: GT911
4. BACK LIGHT: CHIP-WHITE LEDS; SERIES-PARALLEL
   IF=40mA; VF=18.6+/-1.2V;
   TLI BRIGHTNESS: 350cd/m2(typ); Uniformity: 80%
5. STORAGE TEMP : -30°C~80°C
6. OPERATING TEMP: -20°C~70°C
7. GENERAL TOLERANCE: ±0.2
8. PRODUCT CONFORM TO Rohs STANDARD.




If:20*2=40mA Vf:18.6±1.2V
LED CIRCUIT DIAGRAM

# CUSTOMER APPROVE

| | | | | | |
|---|---|---|---|---|---|
| | .X ±.30<br>.XX ±.20<br>∠ ±1/4° | TLI No. | BI050WXCPT | | |
| | | CTP/LCM | | Drawn | Rev A |
| | | Drawing Title | TLI Characteristics | Checked | Unit MM |
| | | Scale 1:1 | | Approve | Page 1/1 |