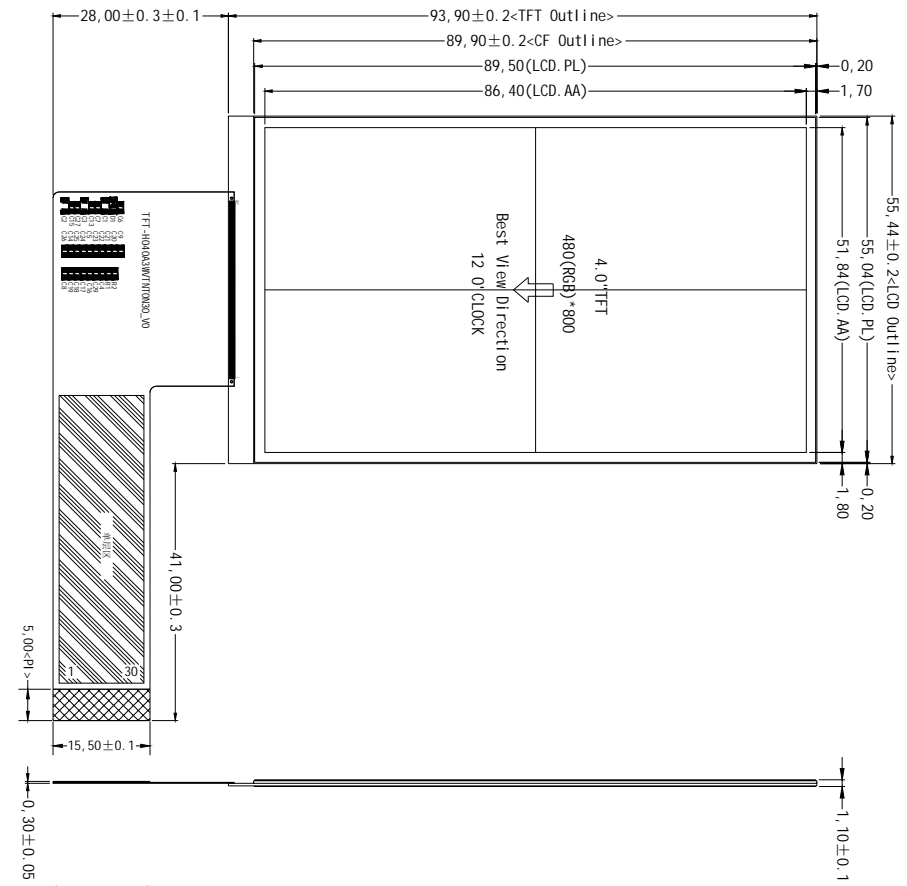


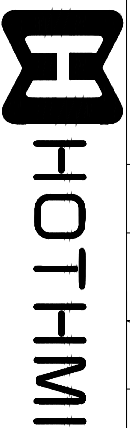
*** Do not display the fixed pattern for a long time because it may develop image sticking due to the LCM structure. If the screen is displayed with fixed pattern, use a screen saver. It is recommended to display the fixed mode for no more than 2 minutes or less.



*Component height: T=1.5MM Max

| | | | |
|-----------------------|---|--------------------|---------------------------|
| *1. LCD Display Type | TFT, Transmi ssi ve, Normal ly White | *6. Storage Temp | -30° C-80° C |
| *2. Viewing Direction | 12.0" CLOCK (U70/D60/L70/R70) | *7. Driver IC | NT35510 |
| *3. Interface | RGB 18 bit + SPI 3L(16 bit/SCL falling trigger) | *8. Backlight | Without |
| *4. Operating Voltage | VCI =2.8V(TYP) | *9. LCM Brightness | 0 cd/m ² (TYP) |
| *5. Operating Temp | -20° C-70° C | | |

| PIN NO. | SIGNAL | PIN NO. | SIGNAL |
|---------|--------|---------|--------|
| 1 | GND | 21 | B0 |
| 2 | VCI | 22 | VSD |
| 3 | RESET | 23 | HSD |
| 4 | R5 | 24 | DEN |
| 5 | R4 | 25 | DCLK |
| 6 | R3 | 26 | GND |
| 7 | R2 | 27 | SD1 |
| 8 | R1 | 28 | SCL |
| 9 | R0 | 29 | CS |
| 10 | G5 | 30 | SD0 |
| 11 | G4 | | |
| 12 | G3 | | |
| 13 | G2 | | |
| 14 | G1 | | |
| 15 | G0 | | |
| 16 | B5 | | |
| 17 | B4 | | |
| 18 | B3 | | |
| 19 | B2 | | |
| 20 | B1 | | |



Dwg Title: TFT-H040A3WV1NTON30

| | | | | | |
|-------|-----|------|----|------|------|
| Scale | 1:1 | Unit | mm | Tol. | ±0.3 |
|-------|-----|------|----|------|------|

| | | | | | |
|------|-----|--------|-----|-------|------------|
| Ver: | A/0 | Drawn: | Liu | Date: | 2019-04-23 |
|------|-----|--------|-----|-------|------------|