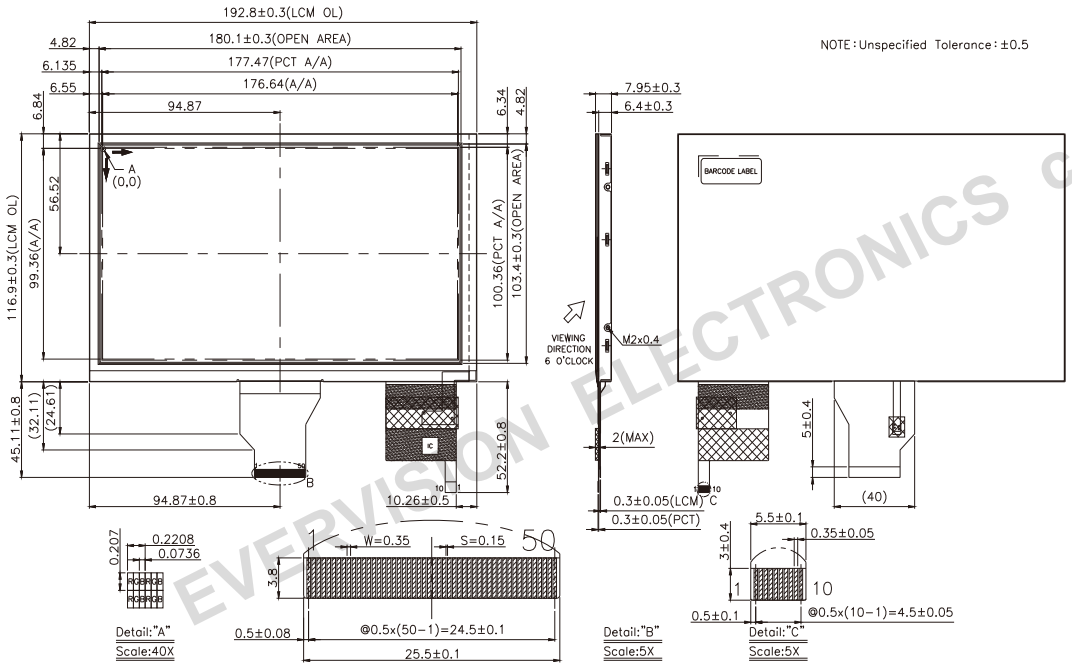
# EVERVISION

## VGG804812-D-FC



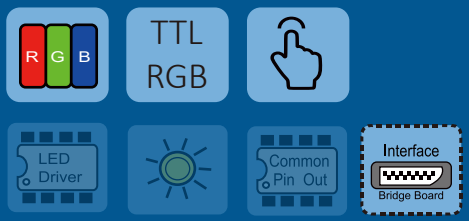

| Pin No. | Symbol |
|---|---|
| 31 | R4 |
| 32 | R3 |
| 33 | R2 |
| 34 | R1 |
| 35 | R0 |
| 36 | GND |
| 37 | DCLK |
| 38 | GND |
| 39 | L/R |
| 40 | U/D |
| 41 | VGH |
| 42 | VGL |
| 43 | AVDD |
| 44 | RESET |
| 45 | NC |
| 46 | VCOM |
| 47 | DITHB |
| 48 | GND |
| 49 | NC |
| 50 | NC |

| Pin No. | Symbol |
|---|---|
| 1 | VLED+ |
| 2 | VLED+ |
| 3 | VLED- |
| 4 | VLED- |
| 5 | GND |
| 6 | VCOM |
| 7 | DVDD |
| 8 | MODE |
| 9 | DE |
| 10 | VS |
| 11 | HS |
| 12 | B7 |
| 13 | B6 |
| 14 | B5 |
| 15 | B4 |
| 16 | B3 |
| 17 | B2 |
| 18 | B1 |
| 19 | B0 |
| 20 | G7 |
| 21 | G6 |
| 22 | G5 |
| 23 | G4 |
| 24 | G3 |
| 25 | G2 |
| 26 | G1 |
| 27 | G0 |
| 28 | R7 |
| 29 | R6 |
| 30 | R5 |

EVERVISION ELECTRONICS CO., LTD

## Feature

1. 8.0 inches Color TFT
2. View Direction：6 o'clock
3. Interface：TTL RGB
4. Luminance：380 nits (Typ.)
5. Touch Panel：Capacitive(USB)
6. Top -20~70°C；Tst -30~80°C




## Mechanical Data

| Item | Specifications | Unit |
|---|---|---|
| Outline Dimension | 192.8 x 116.9 x 7.85 | mm |
| Display Format | 800RGB x 480 | dot |
| Active Area | 176.64 x 99.36 | mm |
| Pixel Pitch | 0.2208 x 0.2070 | mm |

## Electrical Characteristics (Operating conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Digital Voltage | DVDD | 3.0 | 3.3 | 3.6 | V |
| Analog Current | AVDD | 10.2 | 10.4 | 10.6 | V |
| Digital Current | IDIDD | - | 4.0 | 10.0 | mA |
| Analog Current | IAIDD | - | 20.0 | 50.0 | mA |

## Electrical Characteristics (B/L driving conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| B/L Voltage | VB | 8.4 | 9.3 | 10.2 | V |
| B/L Current | IB | 216 | 240 | 264 | mA |

## Electrical Characteristics (T/P driving conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| T/P Voltage | VDD | 4.8 | 5.0 | 5.2 | V |
| T/P Current | IDD | - | 32.0 | 45.0 | mA |

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