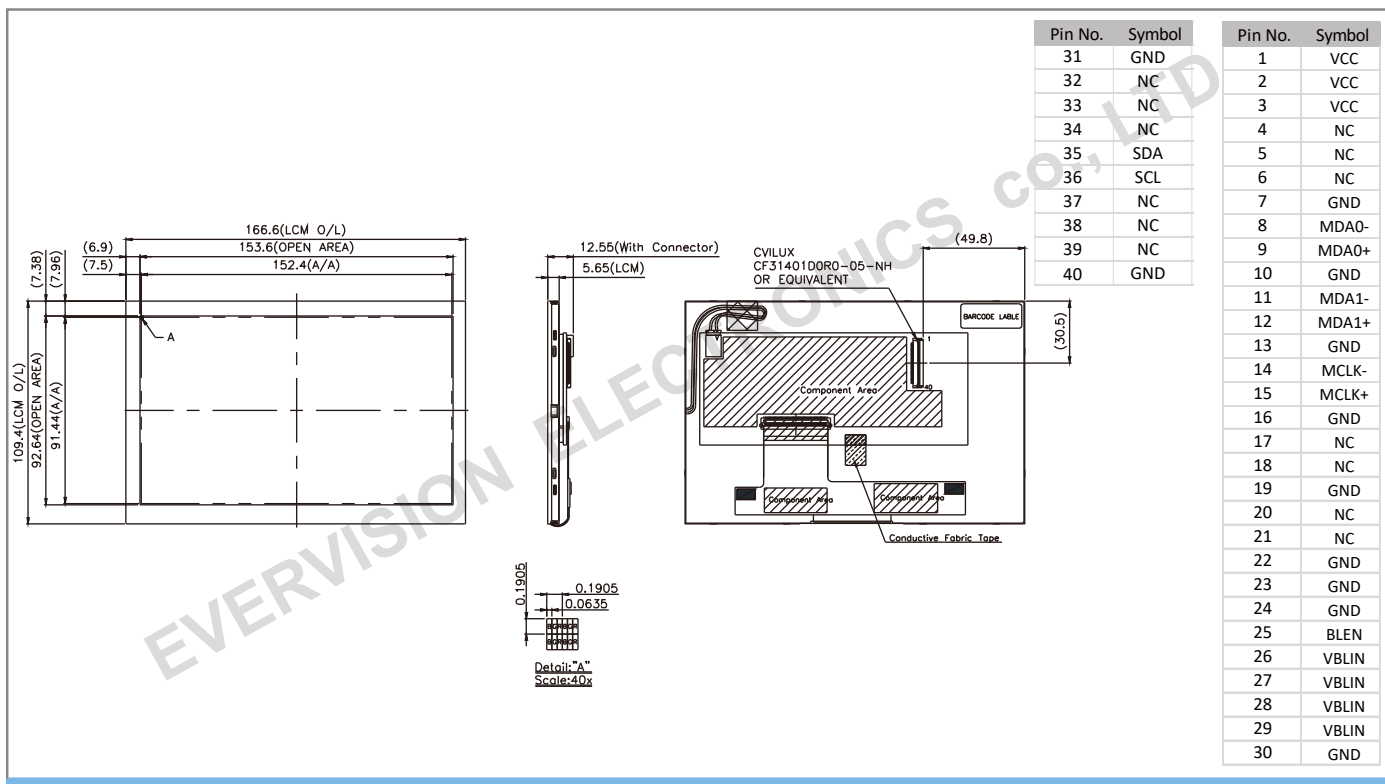
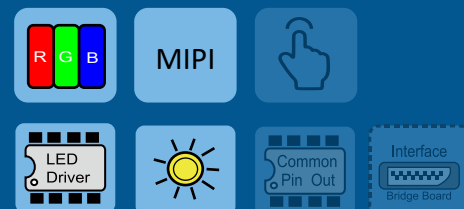




### Feature

- 5.0 inches Color IPS TFT
- Full View Angle
- Interface : MIPI
- Luminance : 900 nits (Typ.)
- Top -20~70°C ; Tst -30~80°C



### Mechanical Data

| Item              | Specifications        | Unit |
|-------------------|-----------------------|------|
| Outline Dimension | 166.6 x 109.4 x 12.55 | mm   |
| Display Format    | 800RGB x 480          | dot  |
| Active Area       | 152.4 x 91.44         | mm   |
| Pixel Pitch       | 0.1905 x 0.1905       | mm   |

### Electrical Characteristics (Operating conditions)

| Item           | Symbol | Min | Typ | Max | Unit |
|----------------|--------|-----|-----|-----|------|
| Supply Voltage | VCC    | 3.0 | 3.3 | 3.6 | V    |
| Supply Current | ICC    | -   | 220 | 308 | mA   |

### Electrical Characteristics (LED driving conditions)

| Item                          | Symbol | Min | Typ  | Max  | Unit | Note        |
|-------------------------------|--------|-----|------|------|------|-------------|
| Backlight Driver Power Supply | VBLIN  | 3.1 | -    | 12.5 | V    | -           |
| Backlight Driver Current      | IBL    | -   | 1700 | 2380 | mA   | VBLIN=3.3V  |
|                               |        | -   | 950  | 1330 | mA   | VBLIN=5.0V  |
|                               |        | -   | 360  | 504  | mA   | VBLIN=12.0V |