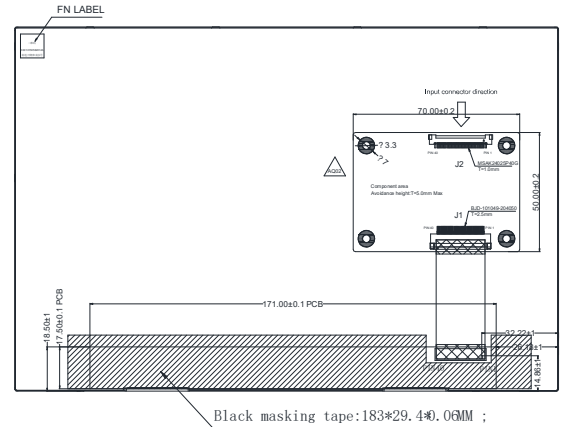
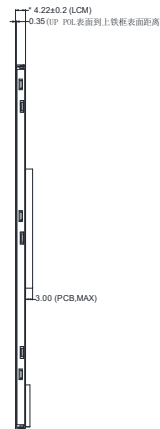
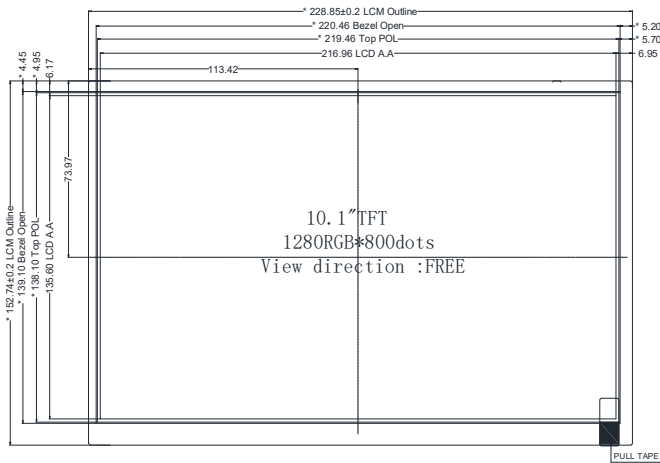




### GENERAL INFORMATION

| Item                    | Contents                    | Unit              |
|-------------------------|-----------------------------|-------------------|
| LCD Size                | 10.1                        | Inch              |
| Number Of Pixels        | 1280(H)×800(V)              | ---               |
| Pixel pitch (W x H)     | 0.0565(H)×RGB×0.1695(V)     | mm                |
| Active Area             | 216.96(H)×135.6(V)          | mm                |
| Viewing area (W x H)    | 220.46×139.1                | mm                |
| LCM outline (W x H x T) | 228.85(W)×152.74(H)×4.22(D) | mm                |
| Display mode            | IPS,NB                      | ---               |
| View angle (L/R/U/D)    | 85/85/85/85                 | Degree            |
| TFT Driver IC           | /                           | ---               |
| Interface Type          | LVDS                        | ---               |
| Color depth             | 16.7M                       | Color             |
| LCM brightness          | MIN 440                     | Cd/m <sup>2</sup> |
| With/Without tp         | /                           | ---               |
| TFT Power consumption   | /                           | mw                |
| BL Power consumption    | /                           | mw                |
| Operation Temperature   | -20~70                      | °C                |
| LED life time           | 30,000 (TYP)                | Hrs               |

### ELECTRICAL CHARACTERISTICS

| Item                  | Symbol | Min | Typ. | Max | Unit |
|-----------------------|--------|-----|------|-----|------|
| Power Supply Voltage  | VDD    | 3.0 | 3.3  | 3.6 | V    |
| Voltage for Backlight | VBL    | 5   | 12   | 16  | V    |
| Current for Backlight | IBL    | -   | TBD  | -   | mA   |
| LED_PWM*              |        | 1.2 | -    | 16  | V    |
| LED_EN                |        | 1.2 | -    | 16  | V    |

### BACKLIGHT DRIVING CONDITION

| Item            | Symbol | Min  | Typ. | Max  | Unit |
|-----------------|--------|------|------|------|------|
| Forward current | If     | --   | 180  | --   | mA   |
| Forward voltage | Vf     | 19.6 | 21.7 | 23.1 | V    |

### INTERFACE DESCRIPTION

| No. | SYMBOL    | I/O | Description                  |
|-----|-----------|-----|------------------------------|
| 1   | NC        | I   | No Connection                |
| 2   | VDD       | P   | Power supply                 |
| 3   | VDD       | P   | Power supply                 |
| 4   | NC        | -   | No Connection                |
| 5   | NC        | -   | No Connection                |
| 6   | NC        | -   | No Connection                |
| 7   | NC        | -   | No Connection                |
| 8   | RIN0-     | I   | LVDS Negative data signal(-) |
| 9   | RIN0+     | I   | LVDS Positive data signal(+) |
| 10  | GND       | P   | Ground                       |
| 11  | RIN1-     | I   | LVDS Negative data signal(-) |
| 12  | RIN1+     | I   | LVDS Positive data signal(+) |
| 13  | GND       | P   | Ground                       |
| 14  | RIN2-     | I   | LVDS Negative data signal(-) |
| 15  | RIN2+     | I   | LVDS Positive data signal(+) |
| 16  | GND       | P   | Ground                       |
| 17  | LVDS_CLK- | I   | LVDS Negative CLK signal(-)  |
| 18  | LVDS_CLK+ | I   | LVDS Positive CLK signal(+)  |
| 19  | GND       | P   | Ground                       |
| 20  | RIN3-     | I   | LVDS Negative data signal(-) |
| 21  | RIN3+     | I   | LVDS Positive data signal(+) |
| 22  | GND       | P   | Ground                       |
| 23  | NC        | -   | No Connection                |
| 24  | NC        | -   | No Connection                |
| 25  | GND       | P   | Ground                       |
| 26  | NC        | -   | No Connection                |
| 27  | NC        | -   | No Connection                |
| 28  | GND       | P   | Ground                       |
| 29  | NC        | -   | No Connection                |
| 30  | NC        | -   | No Connection                |
| 31  | GND       | P   | Ground                       |
| 32  | GND       | P   | Ground                       |
| 33  | GND       | P   | Ground                       |
| 34  | NC        | -   | No Connection                |
| 35  | LED_PWM   | I   | Chip Enable (Active High)    |
| 36  | LED-EN    | I   | Chip enable (active high)    |
| 37  | NC        | -   | No Connection                |
| 38  | VLED      | P   | LED Anode                    |
| 39  | VLED      | P   | LED Anode                    |
| 40  | VLED      | P   | LED Anode                    |