

<Color TFT-LCD Module >

# AA080MB11

8.0 inch WVGA  
FOR INDUSTRIAL USE

AA080MB11



## FEATURES

- Slim Design (D=8.9mm)
- Super High Bright 1500cd/m<sup>2</sup>
- LED Lifetime 100,000h (Typ.) \*1), \*2)
- Wide Operation Temperature Range (-30~80°C)
- Natural Color Matrix \*3)

\*1) LED life time is defined as the time when the brightness becomes 50% of the initial value.

\*2) The life time of the backlight depends on the ambient temperature. The life time will decrease under high temperature.

\*3) Natural Color Matrix brings more vivid color that is closer to original image.

## SPECIFICATION

| ITEM                           | SPECIFICATION  |
|--------------------------------|--|
| Display Area (mm)              | 174.0 (H) × 104.4 (V)<br>(8.0-inch diagonal)                             |
| Number of Dots                 | 800 × 3 (H) × 480 (V)  |
| Pixel Pitch (mm)               | 0.2175 (H) × 0.2175 (V)  |
| Color Pixel Arrangement        | RGB vertical stripe  |
| Display Mode                   | Normally white   |
| Number of Color                | 262k(6 bit/color), 16.7M(8 bit/color)                                    |
| Luminance (cd/m <sup>2</sup> ) | 1500   |
| Viewing Angle (CR ≥ 10)        | -80~80°(H), -80~80°(V)   |
| Surface Treatment              | Anti-glare and hard-coating 3H   |
| Electrical Interface           | LVDS (6 bit/8 bit)   |
| Viewing Direction              | Higher Contrast ratio: 6 o'clock<br>Less gray scale reversal: 12 o'clock |
| Module Size (mm)               | 192.0 (W) × 122.0 (H) × 8.9 (D)  |
| Module Mass (g)                | 250  |
| Backlight Unit                 | LED, edge-light  |

Characteristic value without any note is typical value.

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