

<Color TFT-LCD Module >

AA057VG12

5.7 inch VGA
FOR INDUSTRIAL USE

AA057VG12



FEATURES

Transflective

LED driver implemented

LED Lifetime 100,000h (Typ.) *1), *2)

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) | 115.2 (H) × 86.4 (V) (5.7-inch diagonal) |
| Number of Dots | 640 × 3 (H) × 480 (V) |
| Pixel Pitch (mm) | 0.18(H) × 0.18(V) |
| Color Pixel Arrangement | RGB vertical stripe |
| Display Mode | Normally white (transflective type) |
| Number of Color | 262k |
| Luminance (cd/m ²) | 500 |
| Viewing Angle (CR ≥ 10) | -80~80° (H), -65~50° (V) |
| Surface Treatment | Anti-reflection and hard-coating 2H |
| Electrical Interface | CMOS |
| Viewing Direction | Higher Contrast ratio: 6 o'clock Less gray scale reversal: 12 o'clock |
| Module Size (mm) | 135.0 (W) × 104.6 (H) × 8.85 (D) |
| Module Mass (g) | 165 |
| Backlight Unit | LED |

Characteristic value without any note is typical value.

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