

<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 <sup>2</sup> )	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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