

<Color TFT-LCD Module >

AA150PD03

15.0 inch SXGA+
FOR INDUSTRIAL USE

AA150PD03



FEATURES

Super Wide Viewing Angle ($-85^{\circ} \sim 85^{\circ}$ H,V)

High Contrast Ratio 1000:1

LED driver implemented

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

Wide Operation Temperature Range ($-30^{\circ} \sim 80^{\circ} \text{C}$)

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)	304.5 (H) $\times$ 228.4 (V) (15.0-inch diagonal)
Number of Dots	1400 $\times$ 3 (H) $\times$ 1050 (V)
Pixel Pitch (mm)	0.2175 (H) $\times$ 0.2175 (V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	Normally black
Number of Color	262k(6 bit/color), 16.7M(8 bit/color)
Luminance (cd/m ²)	500
Viewing Angle (CR $\geq$ 10)	$-85^{\circ} \sim 85^{\circ}$ (H), $-85^{\circ} \sim 85^{\circ}$ (V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (6 bit/8 bit)
Module Size (mm)	326.0 (W) $\times$ 255.0 (H) $\times$ 10.5 (D)
Module Mass (g)	900
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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