

ITSV53L

*30.8cm(12.1 inch)SVGA(800×600)
Color TFT LCD Module*



Highlight:

Features

- 30.8cm(12.1 inch)diagonal
- Native 262K colors(R.G.B. 6-bit each)
- SVGA 800×600 pixels
- Low Reflection(Black Matrix)
- 275mm×199mm×4.95mm typ(without inverter)
- 370g typ(without inverter)

Applications

- Notebook style PCs
- KIOSK applications

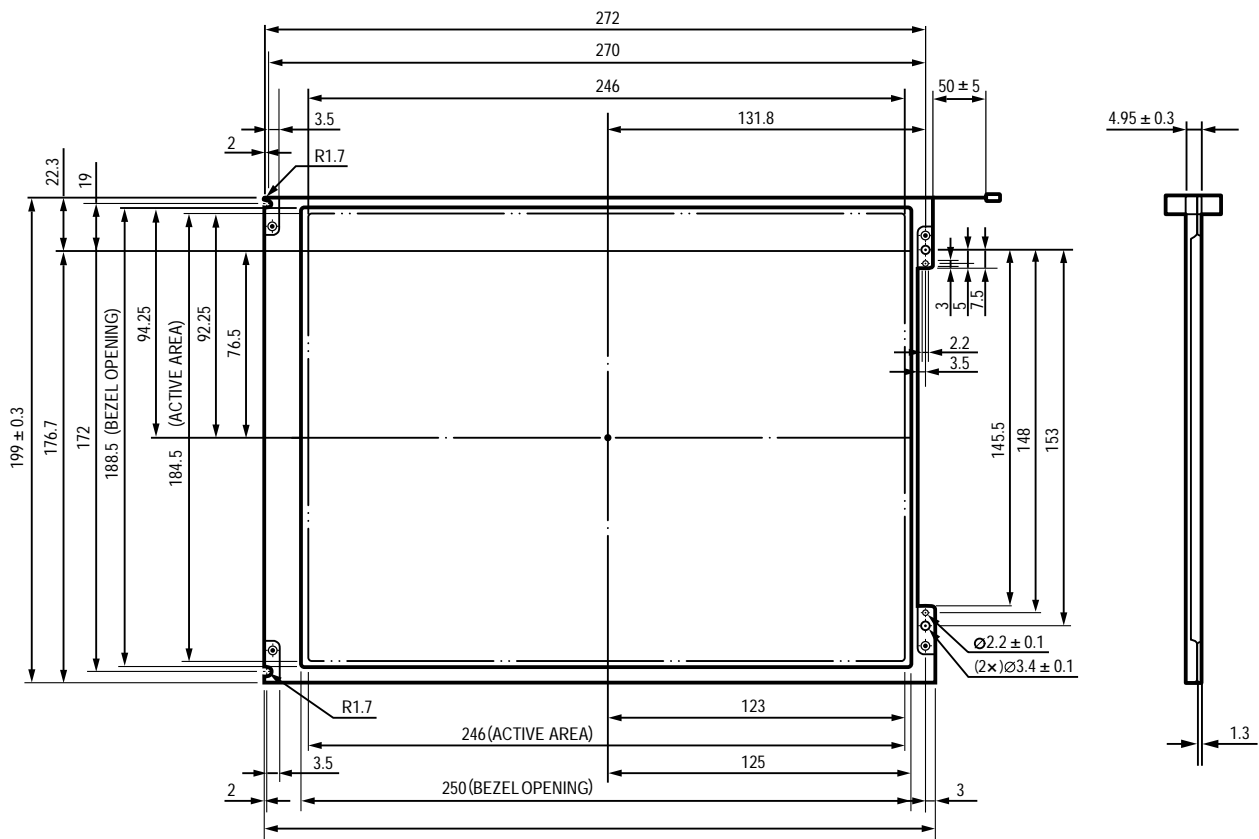
ITSV53L is a TFT LCD color module to be designed to realize the slim A4 size notebook style personal computer. In addition to its large screen, the characteristics of this module are light weight, slim/thin outline, low power consumption and high resolution of SVGA (800×600) capability.

For more information about this product, please contact:
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Specifications

Screen Diagonal (mm)	308 (12.1 inch)
Active Area (mm)	246.0 (H) × 184.5 (V)
Pixels H × V	800 (×3) × 600
Pixel Pitch (mm)	0.3075 (per one triad) × 0.3075
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	Nomally White
Typical White Luminance (cd/m ²)	150 Typ (Lamp Power:3.1W)
Contrast Ratio	150:1 Typ.
Optical Rise Time/Fall Time (msec)	30Typ.
Nominal input Voltage (Volt) VDD	+ 3.3
Power Consumption (watt)	3.83 Typ. (w/o Inverter loss)
Weight (grams)	370 Typ.
Physical Size (mm)	275 (W) × 199 (H) × 4.95 (D) Typ.
Electrical Interface	Digital Video (6-bit for each color R/G/B) Sync Signal, DOTCLK, 4pairs LVDS
Support Color	Native 262K colors (RGB 6-bit data driver)
Temperature Range ()	
Operating	0 to +50
Storage (Shipping)	- 20 to +60
Lamp Cable : length	50mm
pin	2
IF Card Connector	WA (JAE) 20pin
Signal Interface	LVDS

The above items are characteristics summary on the table under 25 condition:



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