7.0”WVGA (800RGB x 480) TFT Module

Features

- Thin & Light Weight
- LED Backlight
- Support Single Power Supply (at 3.3V)
- Built-in Timing Controller
- RoHS Compliant

Important
Specifications above are subject to change without notice.

Rev. a. 0.1(2010/08/03)

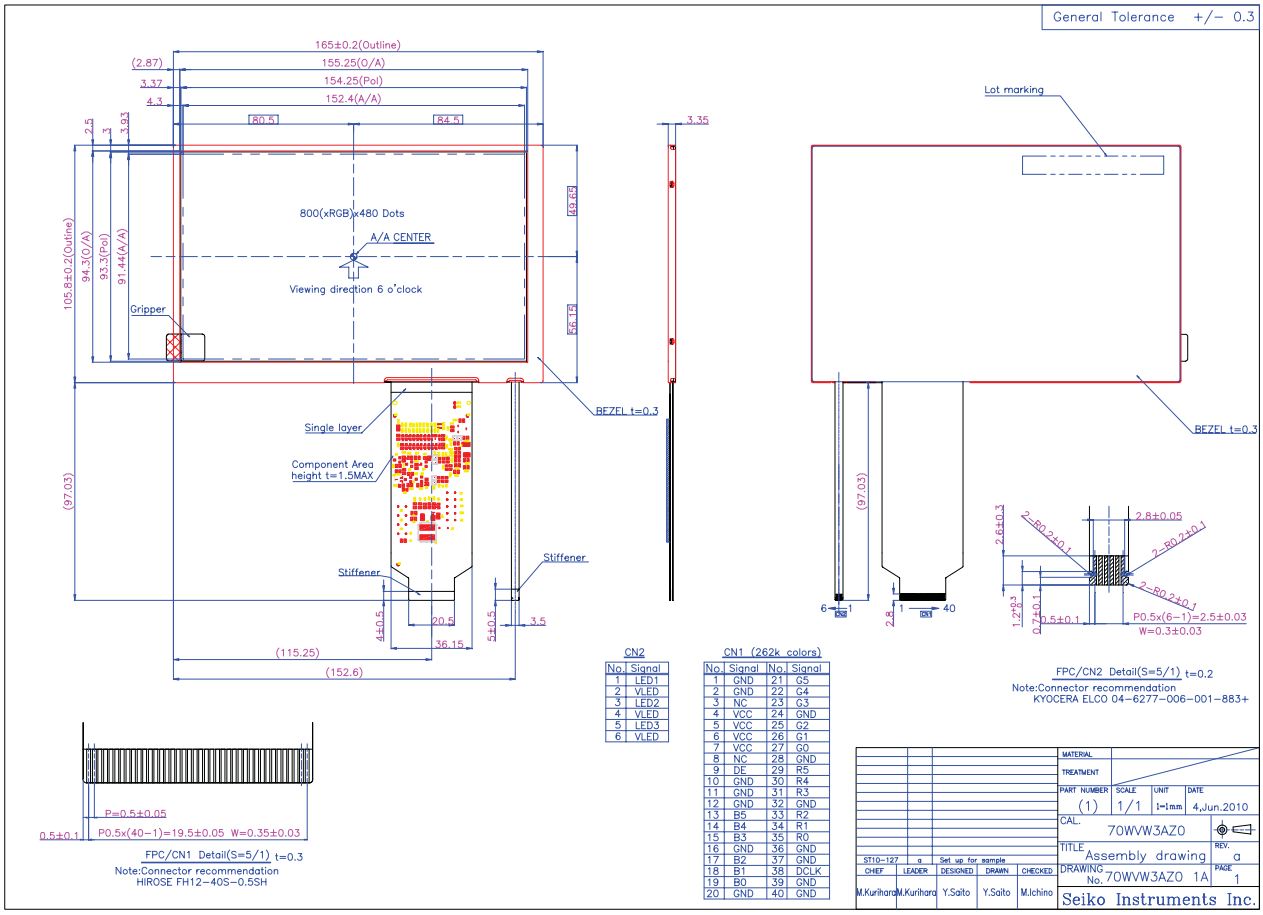
General Spec

Product Code	70WVW3A
Number of Pixel	800（RGB）x 480　RGB Vertical Stripe
Display Mode	a-Si TFT (TN) , Transmissive , Normally White
Number of Color	262K colors
Active Area	152.4(W) x 91.44(H)mm　(7.00”)
Dot Pitch	0.1905(W) x 0.1905(H)mm　(133dpi)
Module Size	165.0(W) x 105.8(H) x 3.35(T)mm　(without FPC)
Weight	135g Typ.
Interface	RGB(18bit)
Backlight	24 pcs(8serial x 3) White LED (IL=20mA)
Polarizer Surface	Anti Glare coat
Operating Temp.	-20 ℃ ～70 ℃
Storage Temp.	-30 ℃ ～80 ℃

Optical & Electrical Spec

Contrast Ratio	(400:1) Typ.
Luminance	(350)cd/m2 Typ.　(IL=20mA)
NTSC Ratio	(45%) Typ.
Viewing Angle (U/D/R/L)	(55/65/70/70)　(@CR≧10)
Response Time	(5+11)ms Typ.　(@25℃)
Driver IC	Gate: HX8678A (Himax)　Source: HX8262A((Himax)
Input Voltage	VCC:3.3+/-0.3V
Power Consumption	(560)mW Typ.(LCD) , (1500)mW Typ. (B/L) Condition：VCC=3.3V All Black Pattern, 60Hz

Outline Dimension



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