SII 7.0”WVGA (800RGB x 480) TFT Module

Features

- High Brightness
- Thin & Light Weight
- LED Backlight
- Support Single Power Supply (at 3.3V)
- Shift & Scan Direction Selectable
- RoHS Compliant

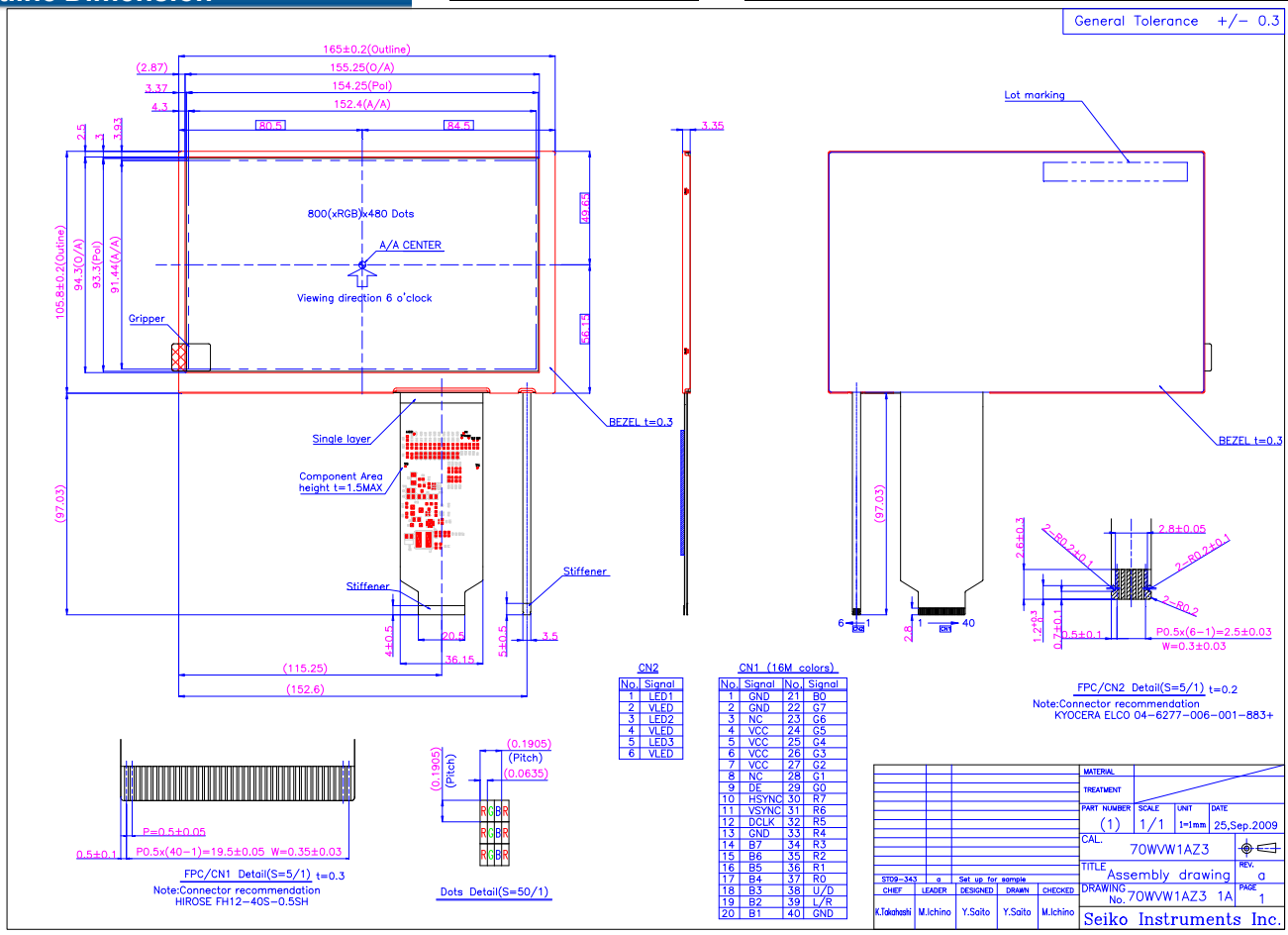
Important
Specifications above are subject to change without notice.

Rev. a. 0.4(2010/06/14)

General Spec

Product Code	70WVW1A
Number of Pixel	800(RGB) x 480 RGB Vertical Stripe
Display Mode	a-Si TFT (TN) , Transmissive , Normally White
Number of Color	16.2M colors (with dithering)
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(24bit)
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	(450)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	(450)mW Typ.(LCD) , (1500)mW Typ. (Backlight) Condition:VCC=3.3V All Black Pattern, fv = 60Hz

Outline Dimension