7.0”WVGA (800RGB x 480) TFT Module

Features

- Long Life Backlight (30000h)
- 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 (2010/12/14)

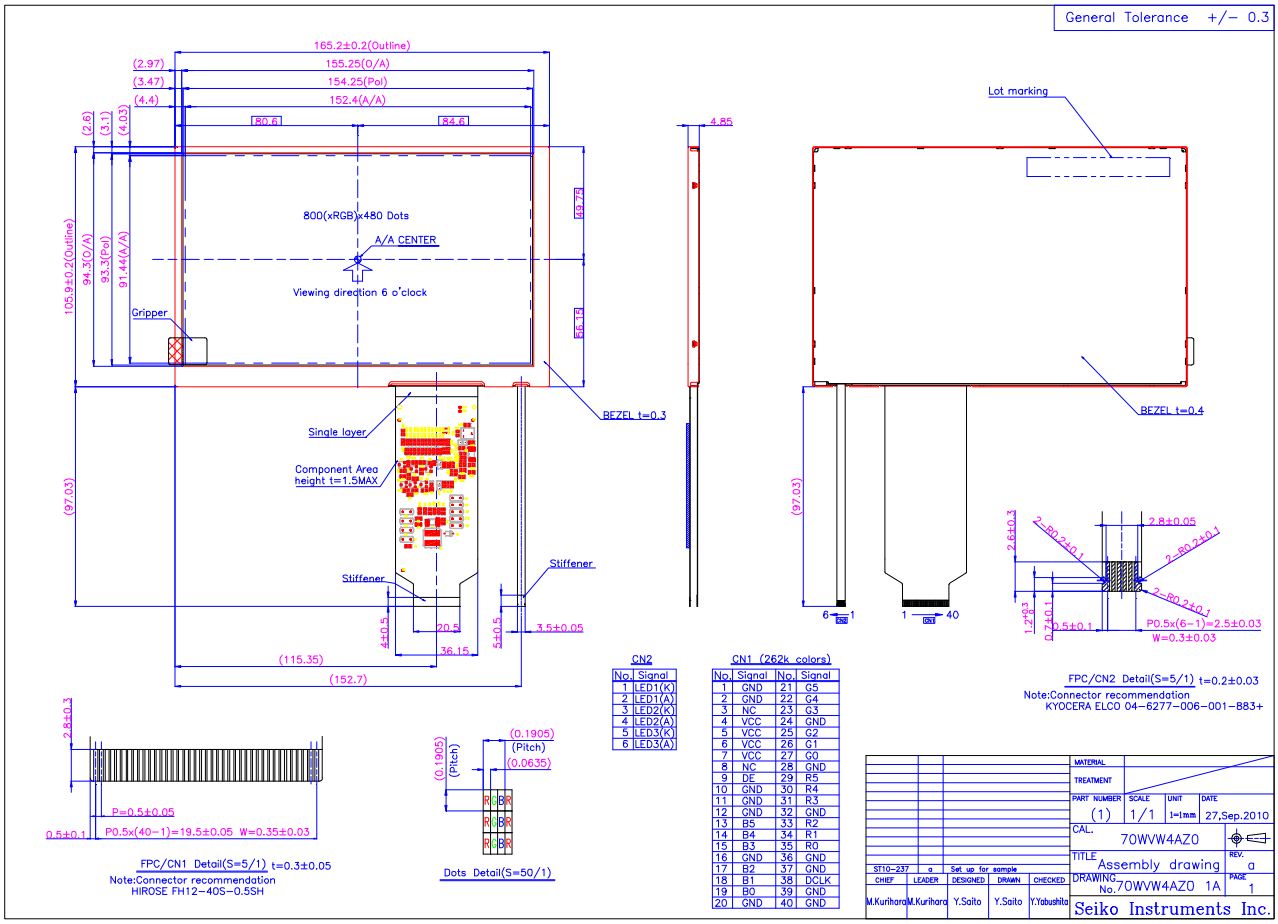
General Spec

Product Code	70WVW4A
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	165.2(W) x 105.9(H) x 4.85(T) mm (without FPC)
Weight	136 g Typ.
Interface	RGB(18bit)
Backlight	7LEDs Serial x 3 (IL=20mA)
Polarizer Surface	Anti Glare Coat
Operating Temp.	-20℃ to 70℃
Storage Temp.	-30℃ to 80℃

Optical and Electrical Spec

Contrast Ratio	400 : 1 Typ.
Luminance	350cd/m2 Typ. (IL=20mA)
NTSC Ratio	45% Typ.
Viewing Angle(U/D/R/L)	55/65/70/70 (@CR≧10)
Response Time	5+11ms Typ. (@25℃)
Driver IC	Gate: HX8678A (Himax) Source: HX8262A((Himax)
Input Voltage	VCC:3.3+/-0.3V
Power Consumption	560mW Typ.(LCD), 1340mW Typ.(Backlight) VCC=3.3V All Black Pattern

Outline Dimension



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We value the "takumi" spirit.