3.2”WQVGA(240RGBx400)FFS TFT Module

Features

- Wide Viewing Angle Mode
  (Wide High-CR Area)
  (No Color/Gamma Shift)
- Thin LCD Module
- RoHS Compliant

Important
Specifications above are subject to change without notice.

Rev. a. 1 (2011/03/22)

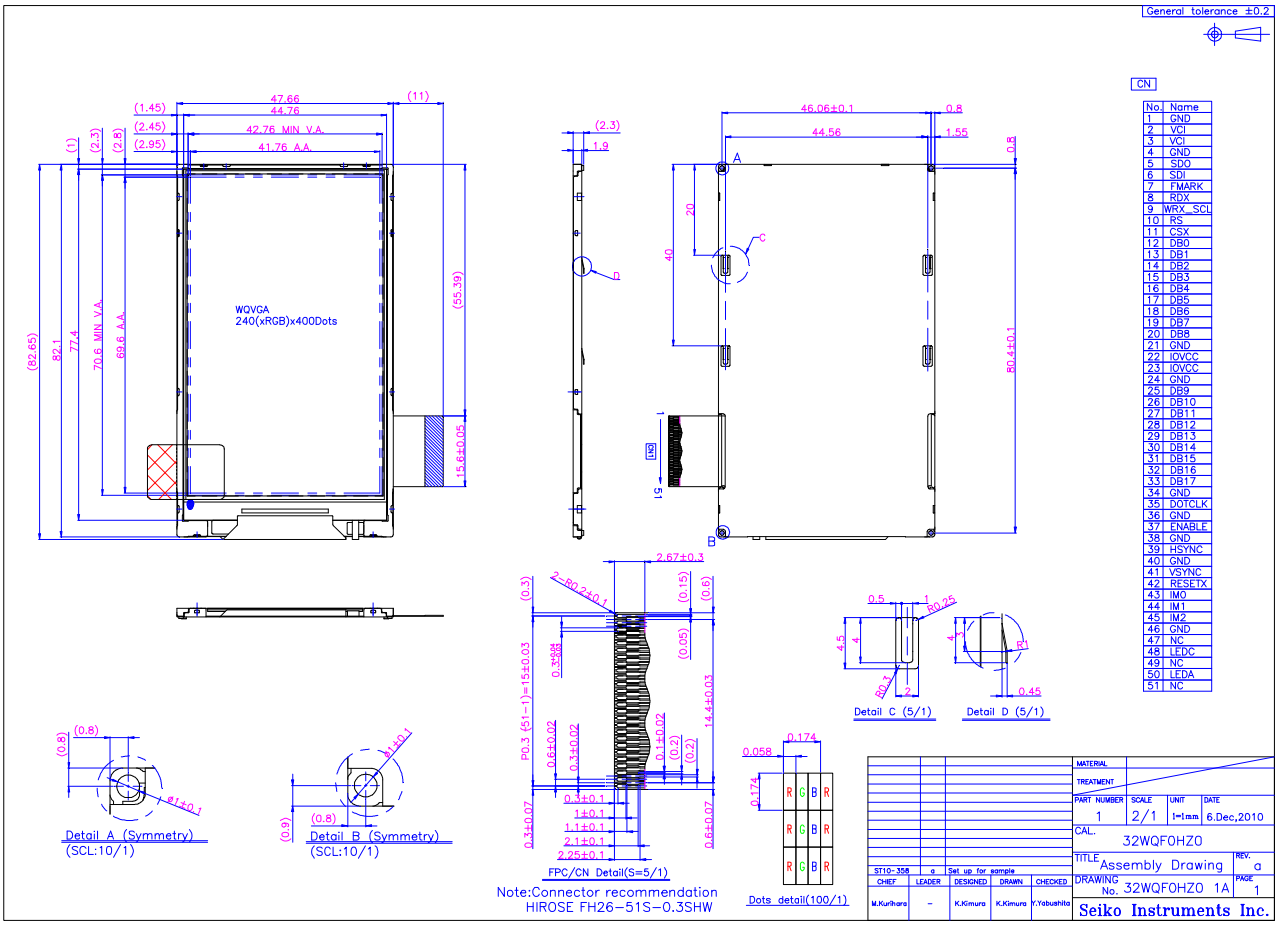
General Spec

Product Code	32WQF0H
Number of Pixel	240(RGB) x 400, RGB Vertical Stripe
Display Mode	a-Si TFT (FFS), Transmissive, Normally Black
Number of Color	262K colors
Active Area	41.76(W) x 69.6(H) mm (3.2”)
Dot Pitch	(0.174)(W)(RGB) x (0.174)(H) mm (146dpi)
Module Size	47.66(W) x 82.1(H) x (1.9)(T) mm (without FPC)
Weight	(12.7) g Typ.
Interface	RGB(16/18bit) + SPI
Backlight	6LEDs Serial
Polarizer Surface	Clear Hard Coat
Operating Temp.	(-20℃ to 70)℃
Storage Temp.	(-30℃ to 80)℃

Optical and Electrical Spec

Contrast Ratio	800 : 1 Typ.
Luminance	(450) cd/m2 Typ. (IL=20mA)
NTSC Ratio	(68)% Typ.
Viewing Angle(U/D/R/L)	(80/80/80/80) (@CR≧10)
Response Time	(35)ms Typ. (@25℃)
Driver IC	R61509V (Renesas)
Input Voltage	VDD (IO): 1.7-3.3V, VCI (Analog): 2.7-3.3V
Power Consumption	(80)mW Typ.(LCD), (385)mW Typ.(Backlight) DVDD=1.8V, AVDD=3.0V All White Pattern

Outline Dimension



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We value the "takumi" spirit.