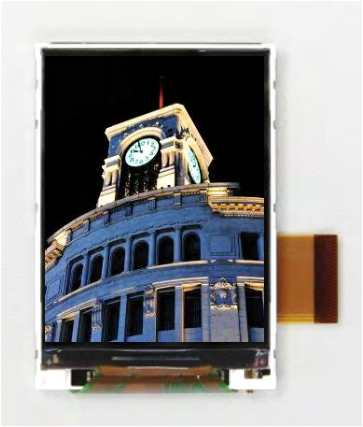
2.4"QVGA(240RGBx320) TN TFT Module

Features

- TN Wide View
- 262K colors, with RAM
- RoHS Compliant



Important
Specifications above are subject to change without notice.

Rev. 1.0. 3 (2011/01/31)

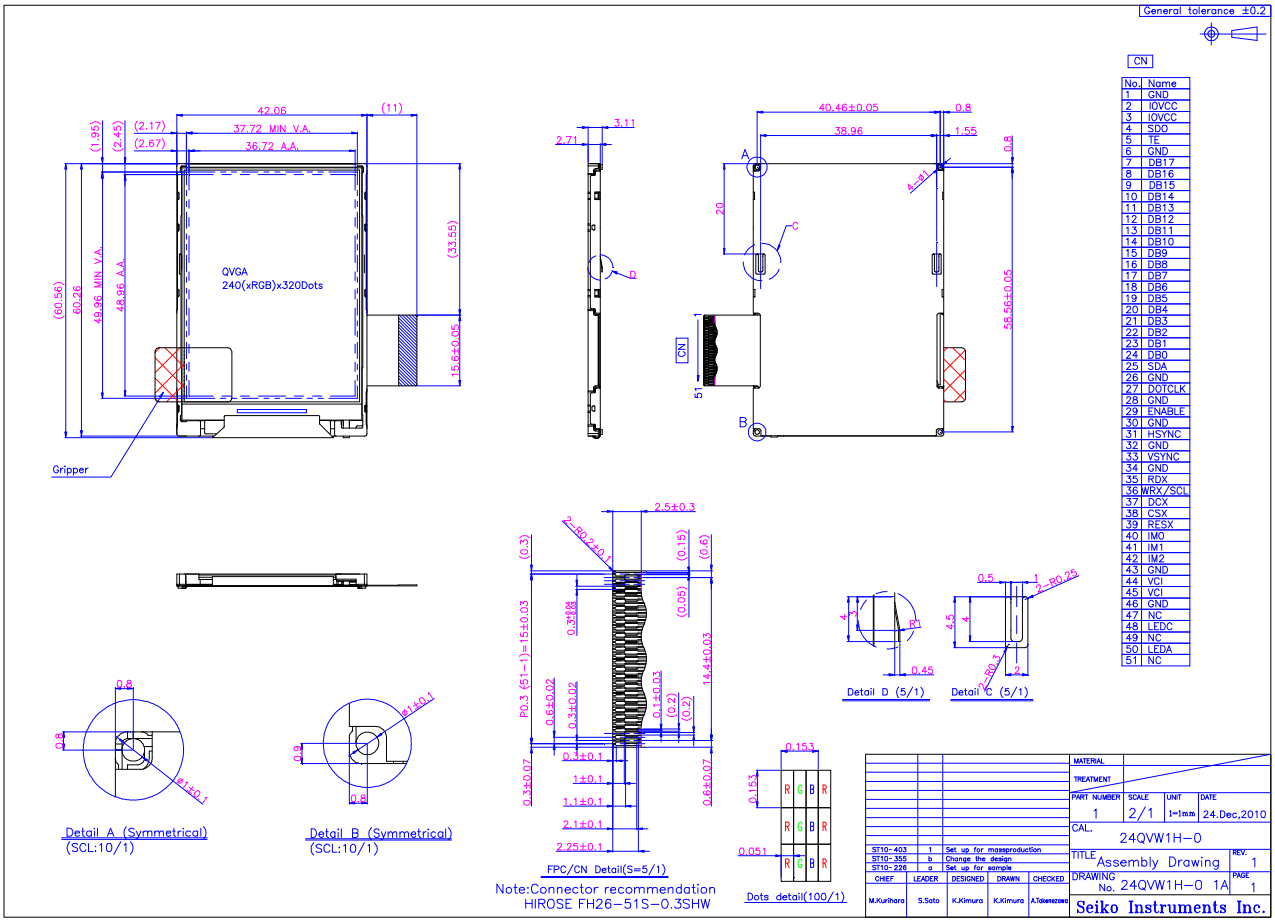
General Spec

Product Code	24QVW1H
Number of Pixel	240(RGB)x320, RGB Vertical Stripe
Display Mode	a-Si TFT (TN), Transmissive, Normally White
Number of Color	262K colors
Active Area	36.72(W) x 48.96(H) mm (2.4")
Dot Pitch	0.153(W) x 0.153(H) mm (166dpi)
Module Size	42.06(W) x 60.26(H) x 2.71(T) mm (without FPC)
Weight	12.0 g Typ.
Interface	CPU(8/9/16/18 bit)
Backlight	3LEDs Serial x (IL=20mA)
Polarizer Surface	Clear Hard 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	50% Typ.
Viewing Angle(U/D/R/L)	70/60/70/70 (@CR≧10)
Response Time	30ms Typ. (@25℃)
Driver IC	R61526
Input Voltage	VDD(IO):1.65 to 3.30V, VCI(Analog): 2.50 to 3.30V
Power Consumption	20mW Typ.(LCD), 180mW Typ.(Backlight) DVDD=2.8V,AVDD=1.8V All Black Pattern

Outline Dimension



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We value the "takumi" spirit.