2.4”QVGA (240RGB x 320)FFS TFT Module

Features

- Wide Viewing Angle Mode (FFS)
  (Wide High-CR area)
  (No Color/Gamma Shift)
  (Portrait & Landscape possible)
- Thin LCD Module
- RoHS Compliant

Important
Specifications above are subject to change without notice.

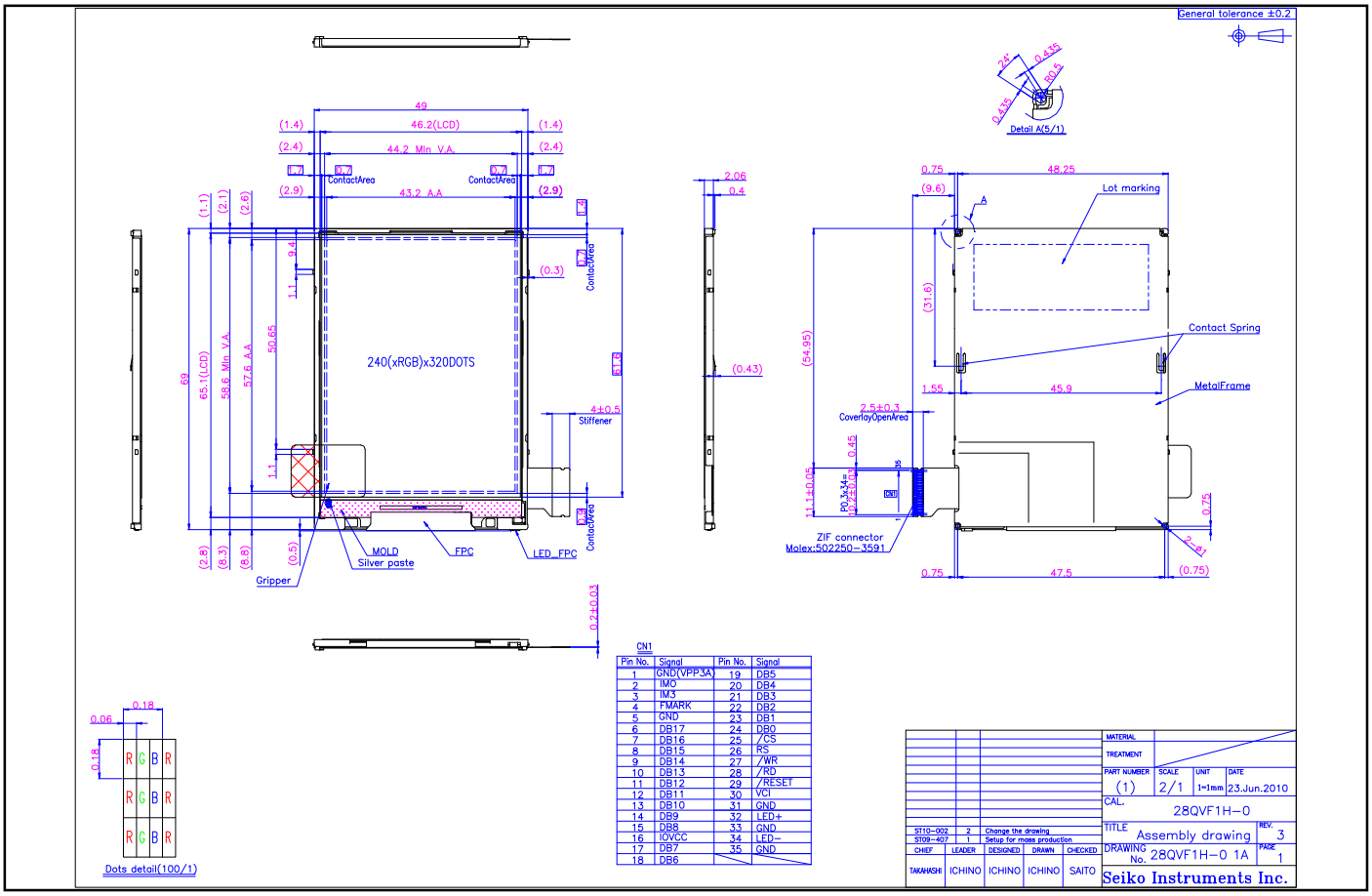
General Spec

Product Code	24QVF1H
Number of Pixel	240(RGB) x 320 RGB Vertical Stripe
Display Mode	a-Si TFT (FFS) , Transmissive , Normally Black
Number of Color	262K colors
Active Area	36.72 (W) x 48.96 (H) mm (2.41”)
Dot Pitch	0.153 (W) x 0.153(H) mm (166dpi)
Module Size	42.72 (W) x 60.4 (H) x 1.93 (T) mm (without FPC)
Weight	8.4g Typ.
Interface	CPU (8/9/16/18bit)
Backlight	4pcs White LED (IL=20mA) Serial
Polarizer Surface	Clear Hard Coat
Operating Temp.	-20 ℃ ～70 ℃
.Storage Temp.	-30 ℃ ～80 ℃

Optical & Electrical Spec

Contrast Ratio	800:1 Typ.
Luminance	(350)cd/m2 Typ. (IL=20mA)
NTSC Ratio	72% Typ.
Viewing Angle(U/D/R/L)	(80/80/80/80) (@CR≧10)
Response Time	(35)ms Typ. (@25℃)
Driver IC	R61505W (Renesas) or compatible
Input Voltage	VDD (IO) 1.65~3.3V, VCI(Analog) 2.5~3.3V
Power Consumption	Condition : DVDD=1.8V,AVDD=2.8V All White Pattern

Outline Dimension



POHL Electronic GmbH
Neuendorfstr. 18b · 16761 Hennigsdorf b. Berlin
Tel. 0 33 02 - 55 92 90 · Fax 0 33 02 - 55 92 99
www.pohl-electronic.de · info@pohl-electronic.de