3.2”nHD (360RGBx640)FFS TFT Module

Features

- 16.7M color, including RAM
- Wide Viewing Angle
- Thin LCD module
- RoHS Compatible

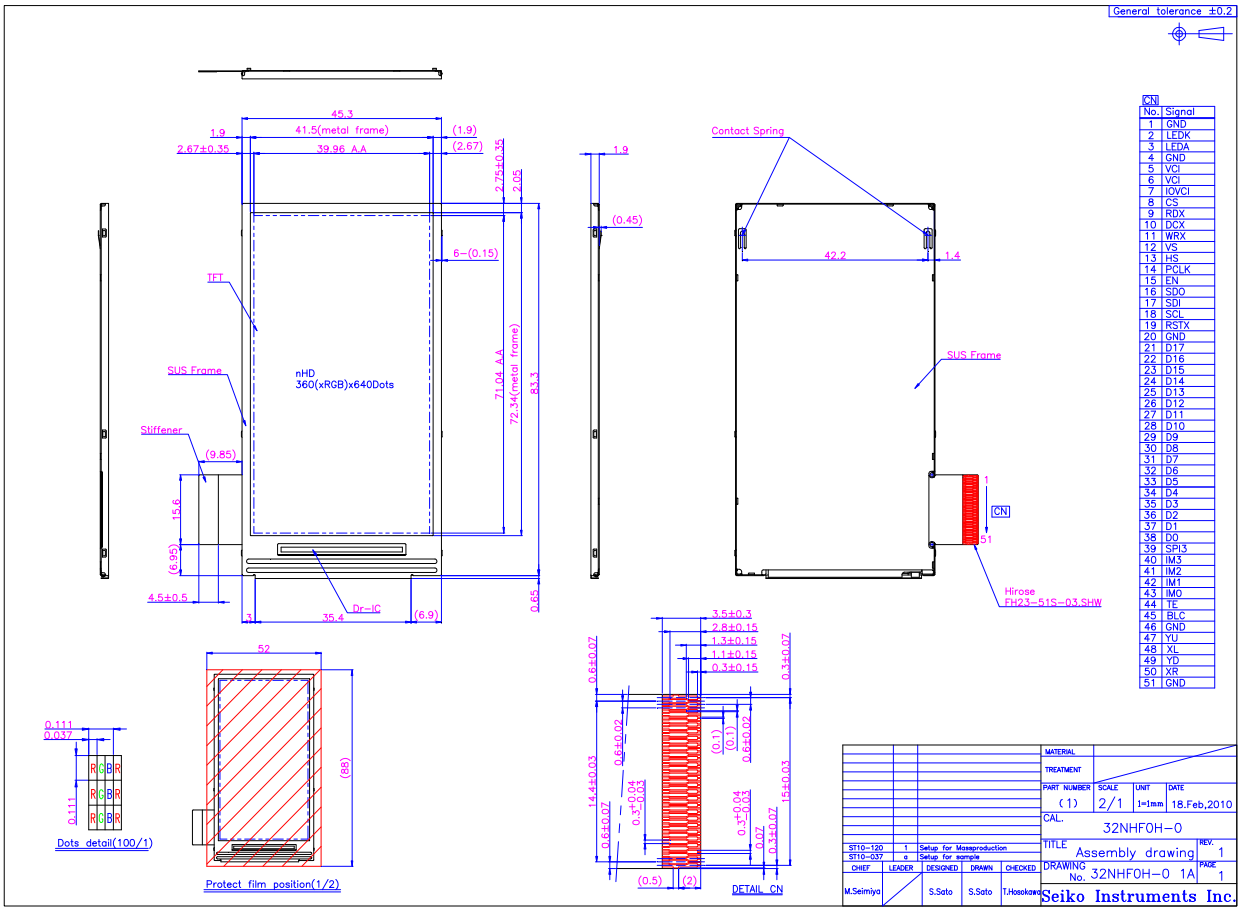
Important
Specifications above are subject to change without notice.

Rev. b. 0.6(2010/06/17)

General Spec

Model Name	32NHF0H
Number of Pixel	360(RGB) x 640 RGB Vertical Stripe
Display Mode	a-Si TFT (FFS) , Transmissive , Normally Black
Number of Color	16.7M colors
Active Area	39.96 (W) x 71.04 (H) mm (3.2”)
Dot Pitch	0.111 (W) x 0.111 (H) mm (229dpi)
Module Size	45.3(W) x 83.3(H) x 1.9(T)mm (without FPC)
Weight	(TBD) Typ.
Interface	CPU（8/16bit)
Backlight	6pcs 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	(300cd/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	R61523 （Renesas)
Input Voltage	VCC:1.65-1.95V, VCI: 2.7-3.0V
Power Consumption	(18mW) Typ.(LCD) (390mW) Typ.(Backlight) Condition：DVDD=1.8V, AVDD=2.8V All White Pattern

Outline Dimension