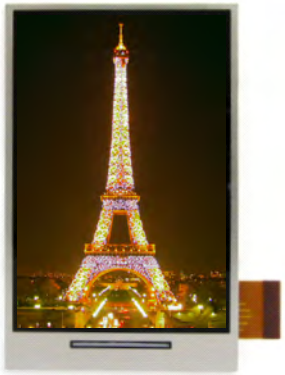
3.5”HVGA(320RGBx480)TFT Module

Features

- Wide Viewing Angle Mode(E-mode) (No Color Shift)
- Thin LCD Module
- RoHS Compliant



Important
Specifications above are subject to change without notice.

Rev. a. 0 (2010/11/30)

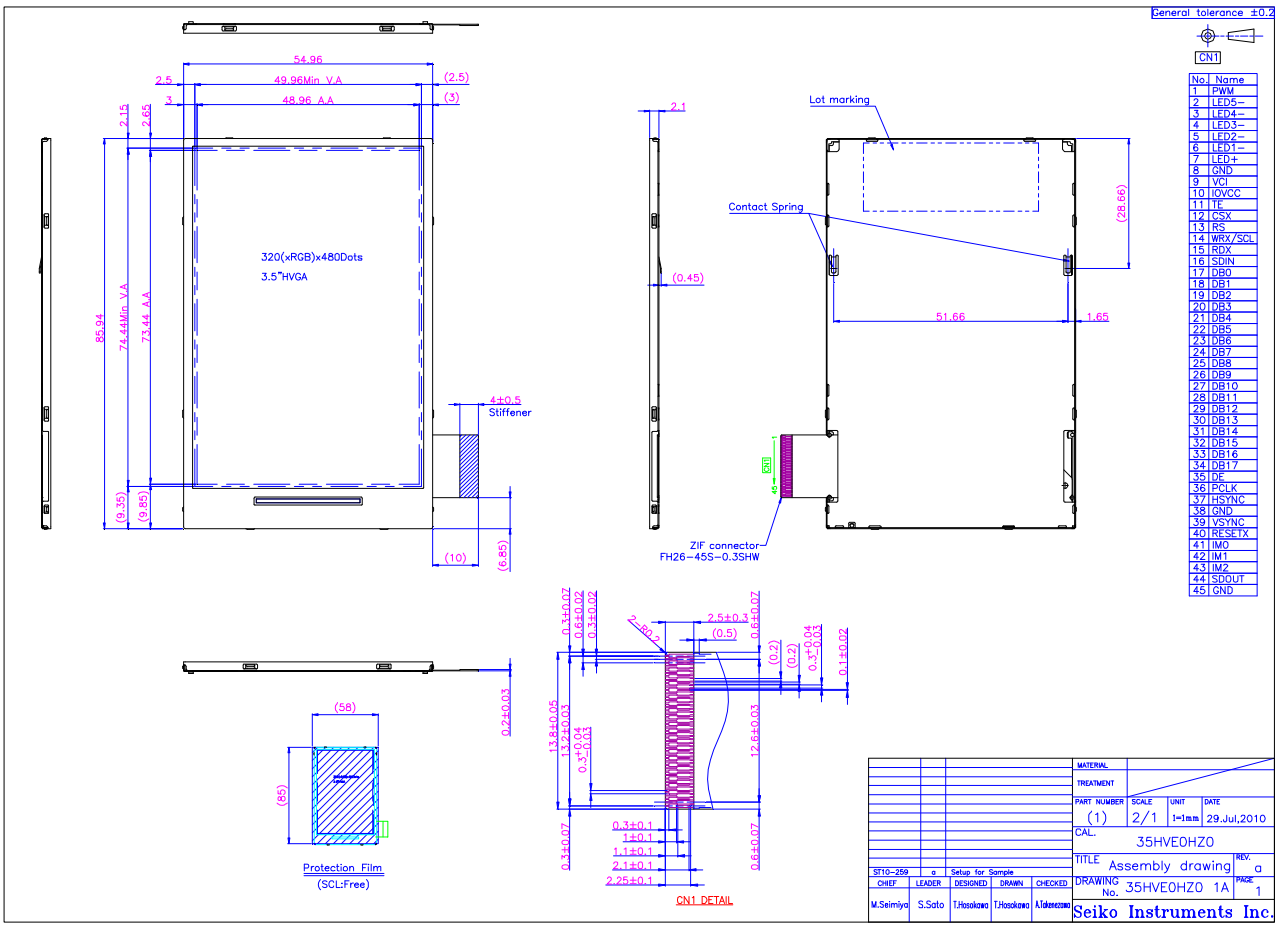
General Spec

Product Code	35HVE0H
Number of Pixel	320(RGB) x 480, RGB Vertical Stripe
Display Mode	a-Si TFT (E-mode), Transmissive, Normally White
Number of Color	262K colors
Active Area	48.96(W) x 73.44(H) mm (3.47”)
Dot Pitch	0.153(W) x 0.153(H) mm (166dpi)
Module Size	54.96(W) x 85.94(H) x 2.1(T) mm (without FPC)
Weight	TBD g Typ.
Interface	RGB(18bit)+SPI
Backlight	5LEDs Parallel x (IL=20mA)
Polarizer Surface	Clear Hard Coat
Operating Temp.	-20℃ to 70℃
Storage Temp.	-30℃ to 80℃

Optical and Electrical Spec

Contrast Ratio	600 : 1 Typ.
Luminance	350cd/m2 Typ. (IL=20mA)
NTSC Ratio	60% Typ.
Viewing Angle(U/D/R/L)	80/80/80/80 (@CR≧10)
Response Time	30ms Typ. (@25℃)
Driver IC	R61581
Input Voltage	VDD (IO): 1.7-1.9V, VCI (Analog): 2.7-2.9V
Power Consumption	TBDmW Typ.(LCD), (320)mW Typ.(Backlight) 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

We value the "takumi" spirit.