

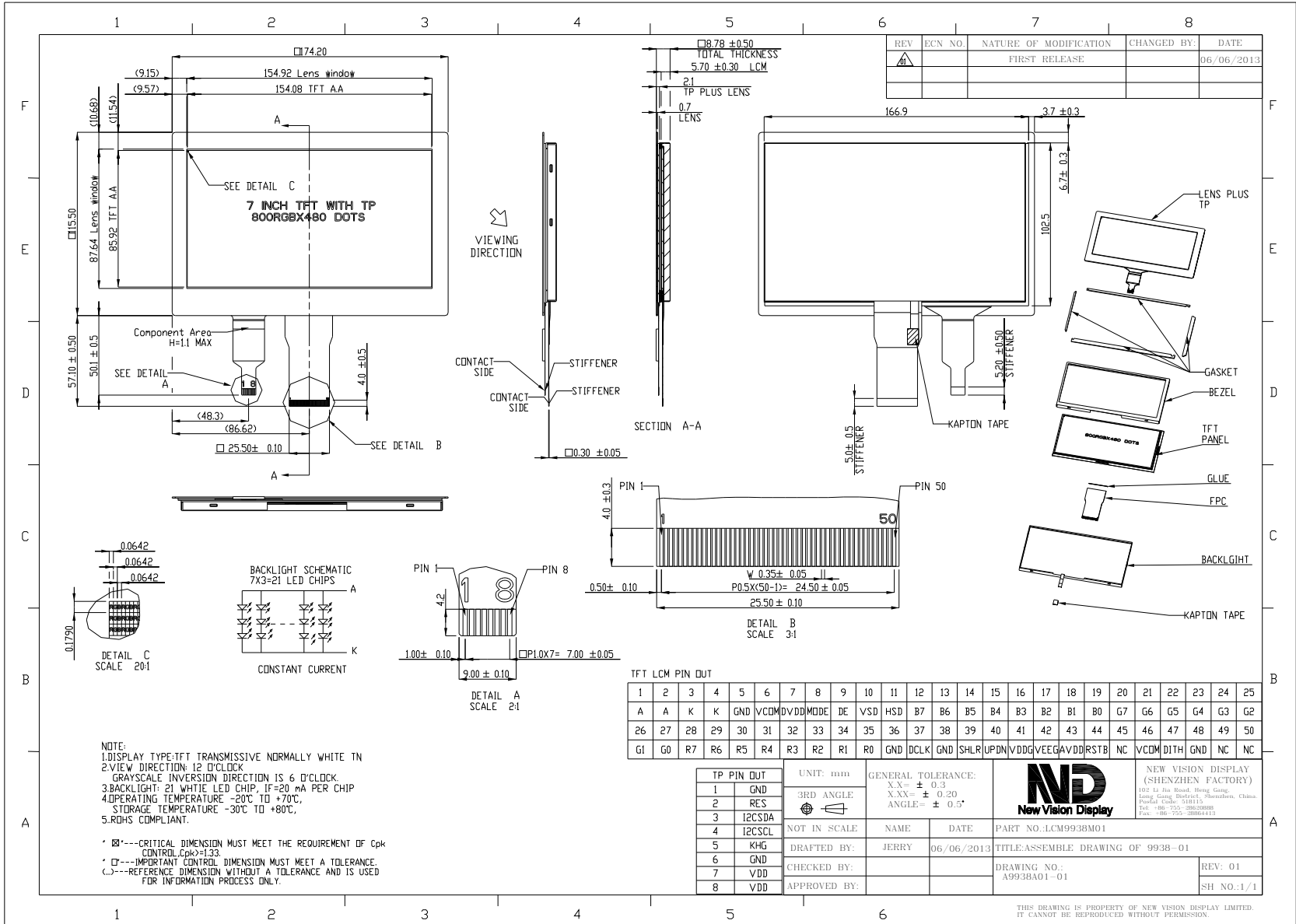
TFT PRODUCT SPECIFICATIONS	800RGBx480	16.7M Colors	7.0" Diagonal
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Part Number	9938DPTL070H-01
Overall Dimensions	174.20(H) x 115.50(V) x8.78(D)
Active Area	154.08 (H) x 85.92 (V)
Resolution	800 RGB (H) x 480 (V) Stripe
Pixel Size	0.1926(H) x0.1790 (V)
Display Colors	16.7M
Display Mode	TN, Normally White, Transmissive
LCD Type	a-Si TFT
View Direction	12 O'clock
Grayscale inversion Direction	6 O'clock
Viewing Angles (CR≥10)	Typ 65°/65°/60°/65° (Left/Right/Top/Bottom) Min 60°/60°/55°/60°(Left/Right/Top/Bottom)
Contrast Ratio	400:1 (Typ)
Brightness (I _f =20*7mA)	200cd/m ² (Min)
NTSC	50%
DVDD (Power Supply)	3.0~3.6V
AVDD (Analog)	9.4~9.8V
Interface	RGB 24 Bits
Backlight System	21 White LED ,3 in series ,7 in Parallel
Forward Voltage	9.6V (Typ)
Forward Current	140 mA (typ)

Touch Panel Parameter

Input Method	Bare or gloved finger or thick conductive stylus
Number of simultaneous touches	10
Touch controller IC	mXT224E
Min. spacing between two touches	18mm
Positional Accuracy	± 2mm
Response Time / Speed	<10msec
Minimum Touch Area	30mm ²
Minimum Touch Pressure	0 N
Optical Transmittance	>90%
I2C Address	0X4B
ESD Capability	15KV (Air discharge TP with lens)
Interface to Host	I2C
Operating Voltage	VDD=1.8V, AVDD=2.8V

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