

5" TFT LCD DISPLAY

Model: NL50004610
 Size: 5 inches
 Resolution: 480*854
 Perspective: IPS full perspective
 Operating temperature: -20~70 degrees C
 Storage temperature: -30~80 degrees C
 Backlight brightness: 450CD/M2
 PIN number: 31 PIN
 Interface: MIPI
 Matching touch: capacitive touch screen

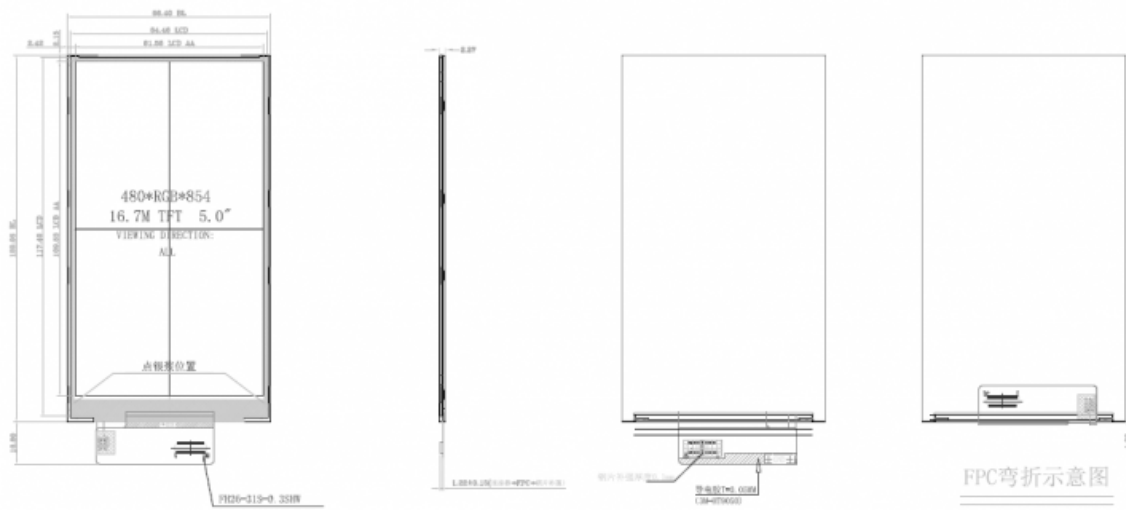


Model :	NL50004610
Keywords Desc. :	5 inch 480*854 TFT LCD, 31pins MIPI
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD Wide Temperature LCD IPS LCD
Application :	Handheld & PDA Industrial Application
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	5"
Resolution :	480×854
Aspect Ratio :	9:16 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Landscape / Portrait
Active Area :	61.56 (W) × 109.53 (H) mm (A.A)
Outline Dimension :	66.4 (W) × 120.05 (H) mm
Max. Depth :	2.27 mm
LC Family :	IPS Family
Polarizer :	Transmissive
Brightness :	400 (Typ.)

Contrast Ratio :	500:1 (Typ.)
Viewing Angle :	80/80/80/80 (L/R/U/D)
Viewing Direction :	Symmetry
Colors Amount :	16.7M
Backlight Type :	WLED
Interface Type :	Serial RGB
Interface Pins :	31 Pins
Touch Panel :	Optional
Operating Temp. :	-20 ~ 70 °C
Storage Temp. :	-30 ~ 80 °C

2. Mechanical Characteristics

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1	NC
2	GND
3	NC
4	D2_P/NC
5	VLED_N
6	D2_N/NC
7	VLED_N
8	GND
9	VLED_N
10	D1_P
11	GND
12	D1_N
13	VLED_P
14	GND
15	VLED_P
16	CLK_P
17	LCD_ID
18	CLK_N
19	VCI_3.3V
20	GND
21	VCI_3.3V
22	D0_P
23	NC
24	D0_N
25	10VCC_1.8V
26	GND
27	10VCC_1.8V
28	D3_P/NC
29	RESET
30	D3_N/NC
31	NC

Note: If you need the complete datasheet, please contact us.