

5" TFT LCD DISPLAY

Model: NL500035P0

Size: 5.0

Configuration: CPT & group record

Resolution: 800 * 480

Perspective: IPS

Operating temperature: -10 ~ 60 ° C

Storage temperature: -20 ~ 70 ° C

Backlight brightness: 400 cd / m2

PIN number: 40 PIN

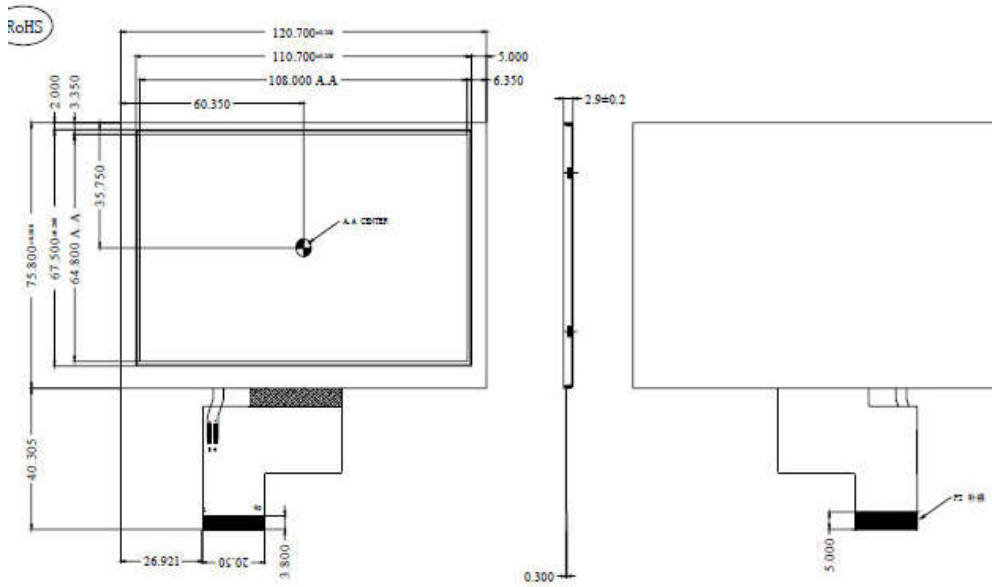
Interface: RGB24 bit



Model :	NL500035C0
Keywords Desc. :	5 inch, 800*480, TFT LCD, 400nits, 40 pins RGB 24 bit 400 cd/m2
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	5"
Resolution :	800×480
Aspect Ratio :	15:9 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Landscape type
Active Area :	108 (W) × 64.8 (H) mm (A.A)
Outline Dimension :	120.7 (W) × 75.8 (H) mm
Max. Depth :	2.9 mm
LC Family :	TN
Polarizer :	Transmissive
Brightness :	400 (Min.)
Contrast Ratio :	800:1 (Typ.)
Viewing Angle :	70/70/60/60 (L/R/U/D)
Viewing Direction :	Symmetry

Colors Amount :	16.7M
Backlight Type :	WLED
Interface Type :	Serial RGB
Interface Pins :	40 Pins
Touch Panel :	Optional
Operating Temp. :	-10 ~ 60 °C
Storage Temp. :	-20 ~ 70 °C

2. Mechanical Characteristics



PIN NO.	SYMBOL	PIN NO.	SYMBOL
01	GLED	21	B0
02	VLED	22	B1
03	GND	23	B2
04	VDD	24	B3
05	R0	25	B4
06	R1	26	B5
07	R2	27	B6
08	R3	28	B7
09	R4	29	GND
10	R5	30	DCLK
11	R6	31	DISP
12	R7	32	HS
13	G0	33	VS
14	G1	34	DE
15	G2	35	NC
16	G3	36	GND
17	G4	37	XR
18	G5	38	YD
19	G6	39	XL
20	G7	40	YU

Notes:

Unit:mm

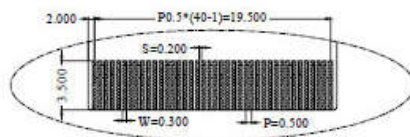
Do not scale drawing.

Modification rev.number.

General Tolerance:±0.2

*mm For important dimension;() for reference dimension

RoHs must be complied.(Use Lead-free process)



A SC 1:4



ITEM	SYMBOL	MIN	TYP	MAX	UNIT
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Note: If you need the complete datasheet, please contact us.