

2.4" TFT LCD MODULE

Model: NL240014C0

Size: 2.4 inches

Configuration: CTC + ST7789

Resolution: 240 * 320

Angle of view: 70 °

Operating temperature: -20 ~ 70 ° C

Storage temperature: -30 ~ 80 ° C

Backlight brightness: 300 CD / M2

PIN number: 36 PIN

Interface: MCU 16-bit

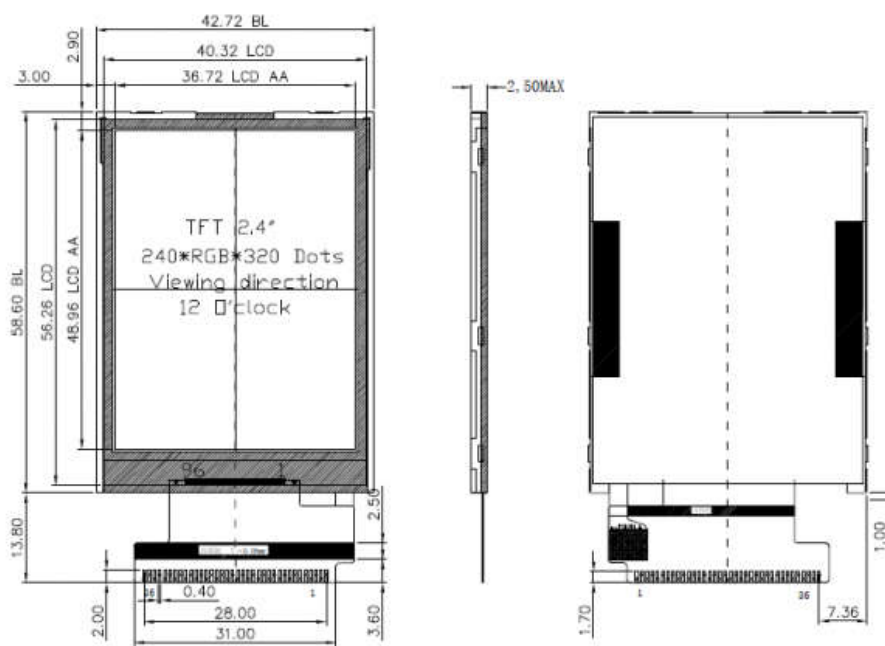


Series :	2.4" lcd display
Model :	NL240014C0
Keywords Desc. :	2.4 inch 240*320 EWV TFT LCD display, 36 pins CPU 16bit 300CD/M2
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD Wide Temperature LCD
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	2.4"
Resolution :	240×320
Aspect Ratio :	3:4 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Portrait type
Active Area :	36.72 (W) × 48.96 (H) mm (A.A)
Outline Dimension :	42.72 (W) × 58.6 (H) mm
Max. Depth :	2.5 mm
LC Family :	TN
Polarizer :	Transmissive
Brightness :	300 (Typ.)
Contrast Ratio :	300:1 (Typ.)

Viewing Angle :	70/70/70/50 (L/R/U/D)
Viewing Direction :	12 o'clock
Colors Amount :	262K
Backlight Type :	WLED
Interface Type :	CPU
Interface Pins :	24 Pins
Touch Panel :	Without
Operating Temp. :	-20 ~ 70 °C
Storage Temp. :	-30 ~ 80 °C

2. Mechanical Characteristics

VER.	DESCRIPTION	DATE
#0	THE FIRST ISSUE	2016.10.29



PIN NO	NAME	PIN NO	NAME
1	TE	19	DB9
2	NC	20	DB8
3	NC	21	DB7
4	NC	22	DB6
5	NC	23	DB5
6	RESET	24	DB4
7	VSYNC NC	25	DB3
8	HSYNC NC	26	DB2
9	DOTCLK NC	27	DB1
10	DEN NC	28	DB0
11	DB17	29	RD
12	DB16	30	WR
13	DB15	31	RS
14	DB14	32	CS
15	DB13	33	GND
16	DB12	34	VCC
17	DB11	35	LED-K
18	DB10	36	LEDA

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