



RAYSTAR

曜凌光電股份有限公司

Web: www.raystar-optronics.com E-mail: sales@raystar-optronics.com

RFJ350N-AVW-DNN

SPECIFICATION

General Specifications

- Size: 3.5 inch
- Dot Matrix: 240 x 320 dots
- Module dimension: 62.9 x 86.54 x 4.1 mm
- Active area: 53.28 x 71.04 mm
- Dot pitch: 0.222 x 0.222 mm
- LCD type: TFT, Mono Transmissive
- View Direction: Wide View
- Aspect Ratio: Portrait
- Gray Scale: 16 Gray scale (4BPP)/ 4 Gray scale (2BPP)/ 2 Gray scale (1BPP)
- Driver IC: ST7511
- Backlight Type: LED, Normally White
- With /Without TP: Without TP
- Surface: Glare

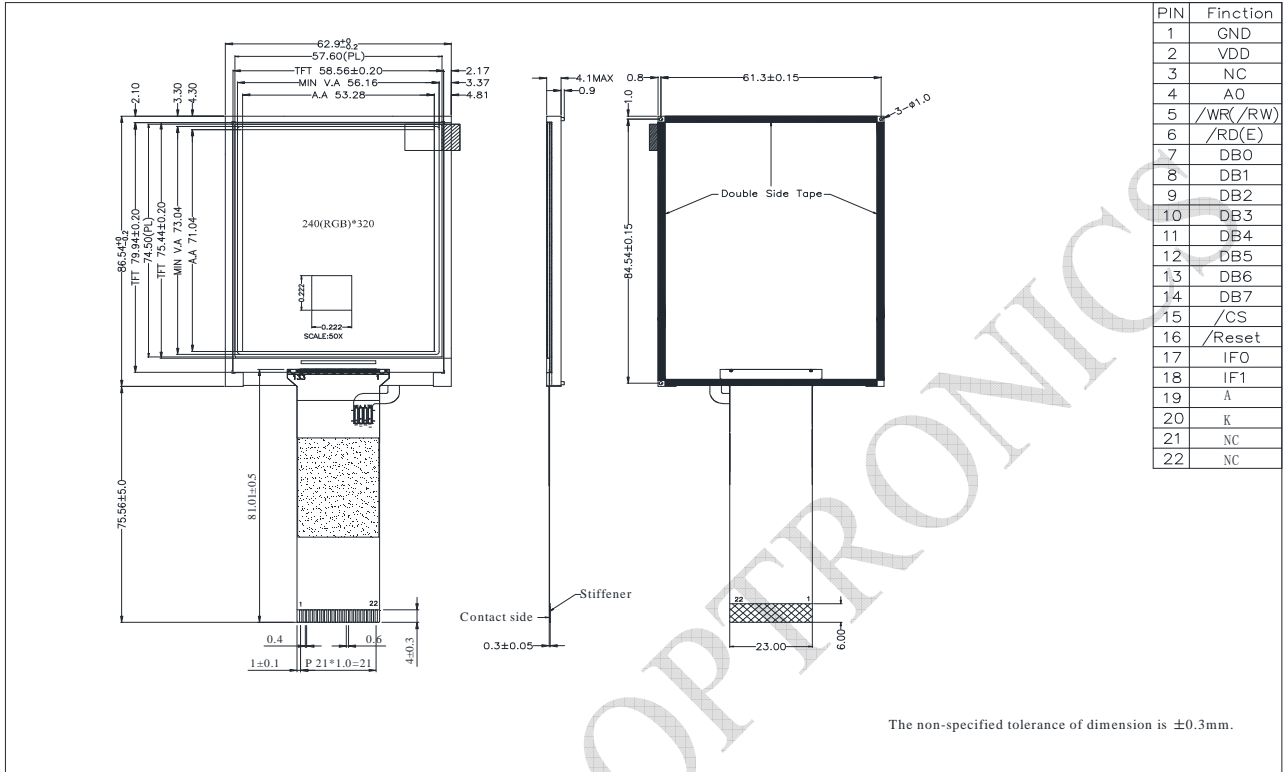
* Mono tone slight changed by temperature and driving voltage.

Interface

LCM PIN Definition

Pin	Symbol	Function
1	GND	System ground
2	VDD	Power Supply : +3.3V
3	NC	No connect
4	A0	Data/Command select
5	/WR(R/W)	Write strobe signal
6	/RD(E)	Read strobe signal
7	DB0	Data bus
8	DB1	Data bus
9	DB2	Data bus
10	DB3	Data bus
11	DB4	Data bus
12	DB5	Data bus
13	DB6	Data bus
14	DB7	Data bus
15	/CS	Chip select
16	/RESET(RSTB)	Hardware reset
17	IF0	Mode select
18	IF1	
19	A	LED +
20	K	LED -
21	NC	No connect
22	NC	No connect

Contour Drawing



Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-30	—	+80	°C
Storage Temperature	TST	-30	—	+80	°C

Electrical Characteristics

Operating conditions

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For LCM	VDD	—	3.0	3.3	3.6	V
Supply Current For LCM	IDD	—	—	13	—	mA
Power Consumption	—	—	—	—	46.8	mW

LED driving conditions

Parameter	Symbol	Min	Typ	Max	Unit
LED current		—	160	—	mA
Power Consumption		—	—	—	mW
LED voltage	A-K	2.8	3.0	3.3	V
LED Life Time		—	50,000	—	Hr