Winstar Display Co., LTD
華凌光電股份有限公司
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SPECIFICATION

MODULE NO.: WF35-240320ND#0W0-FC

General Specifications

Item	Dimension	Unit
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	
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.

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Absolute Maximum Ratings

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

Electrical Characteristics

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

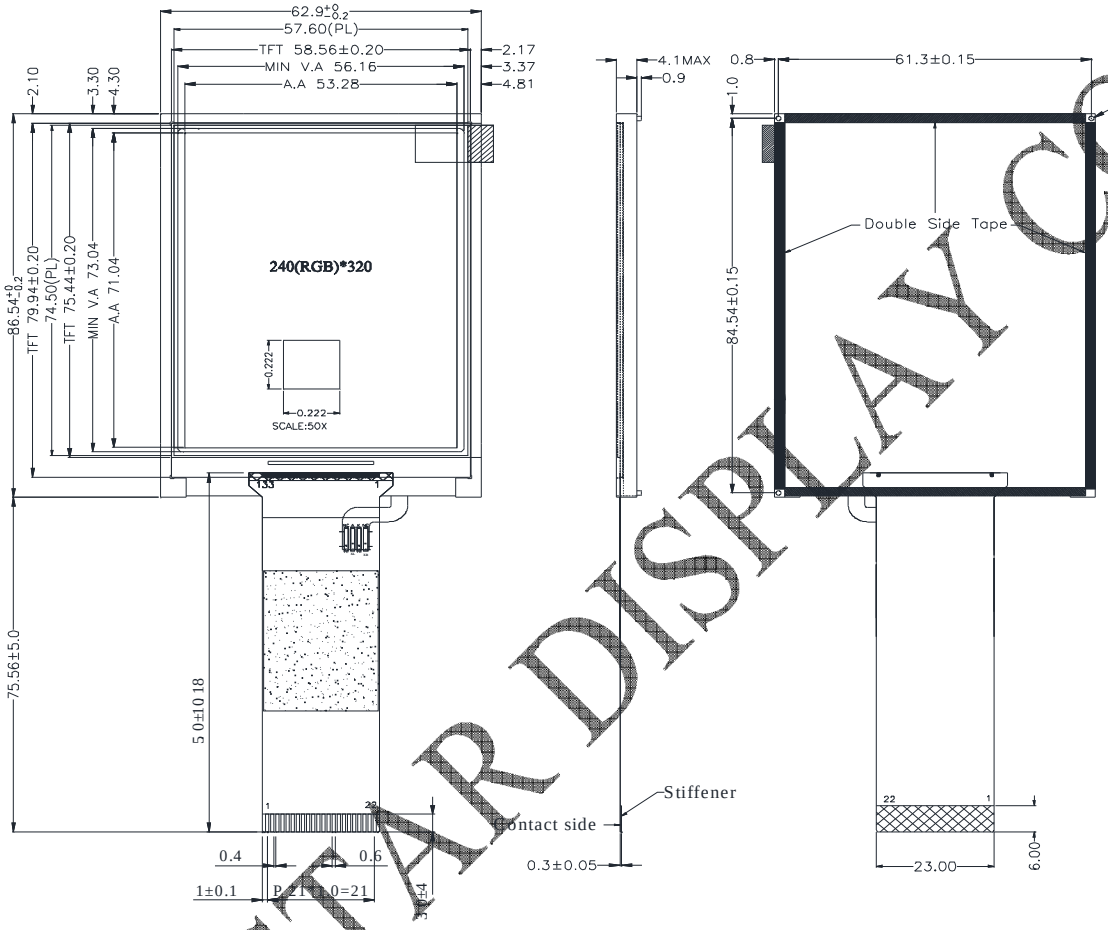
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Interface

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

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Contour Drawing



PIN	Finction
1	GND
2	VDD
3	NC
4	A0
5	/WR(/RW)
6	/RD(E)
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	/CS
16	/Reset
17	IF0
18	IF1
19	A
20	K
21	NC
22	NC

The non-specified tolerance of dimension is ±0.3mm.

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