

TFT DISPLAY SPECIFICATION



WINSTAR Display Co.,Ltd.
華凌光電股份有限公司



SPECIFICATION

MODULE NO.: WF57VTIBCDAT0#

General Specifications

Item	Dimension	Unit
Size	5.7	inch
Dot Matrix	320 x RGBx240(TFT)	dots
Module dimension	160(W) x 109(H) x13.9 max(D)	mm
Active area	115.2 x 86.40	mm
Dot pitch	0.12 x 0.36	mm
LCD type	TFT, Normally White, Transmissive	
View Direction	12 o'clock	
Gray Scale Inversion Direction	6 o'clock	
Aspect Ratio	4:3	
Backlight Type	LED, Normally White	
Controller IC	SSD1963	
Interface	Digital 8080 family MPU	
Touch Screen	Resistive Touch Panel, RTP	
Surface	Anti-Glare	

Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-20	—	+70	°C
Storage Temperature	TST	-30	—	+80	°C

Electrical Characteristics

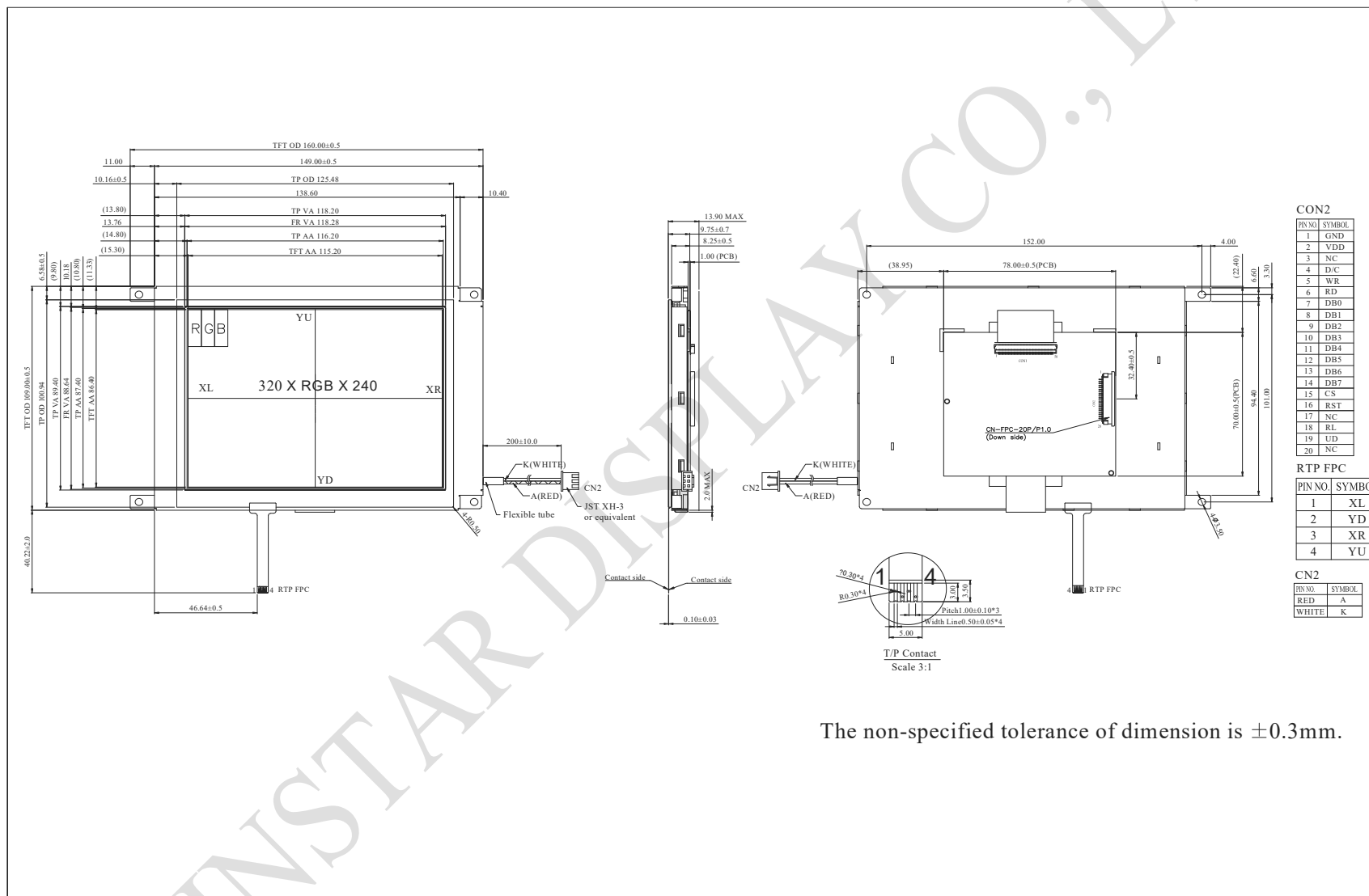
Operating conditions :

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For LCM	VDD	—	3.0	3.3	3.6	V
Supply Current For LCM	IDD	—	—	120	180	mA

Interface

Pin No.	Symbol	Description
1	GND	System ground pin of the IC.Connect to system ground.
2	VDD	Power Supply : +3.3V
3	NC	No connection
4	D/C	Data/Command select
5	WR	Write strobe signal
6	RD	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	RST	Hardware reset
17	NC	No connection
18	RL	Left /right selection; Scan Direction; Default RL=H
19	UD	Up/down selection; Scan Direction; Default UD=L
20	NC	No connection

Contour Drawing



The non-specified tolerance of dimension is $\pm 0.3\text{mm}$.