Winstar Display Co., LTD
華凌光電股份有限公司
WEB: http://www.winstar.com.tw E-mail: winstar@winstar.com.tw

SPECIFICATION

MODULE NO.: WF70-800480YD#001-FC

WINSTAR DISPLAY CO., LTD

General Specifications

Item	Dimension	Unit
Size	7.0	inch
Dot Matrix	800 x RGBx480(TFT)	dots
Module dimension	165.0(W) x 100(H) x 7.0(D)	mm
Active area	154.08 x 85.92	mm
Dot pitch	0.0642 x 0.179	mm
LCD type	TFT, Normally White, Transmissive	
View Direction	12 o'clock	
Gray Scale Inversion Direction	6 o'clock	
Backlight Type	LED, Normally White	
With/Without TP	With RTP	
Surface	Anti-Glare	

first FC components

Absolute Maximum Ratings

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

Electrical Characteristics

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage For Logic	VCC	3.0	3.3	3.6	V
Power Supply For Current	VCC =3.3V		110	165	mA

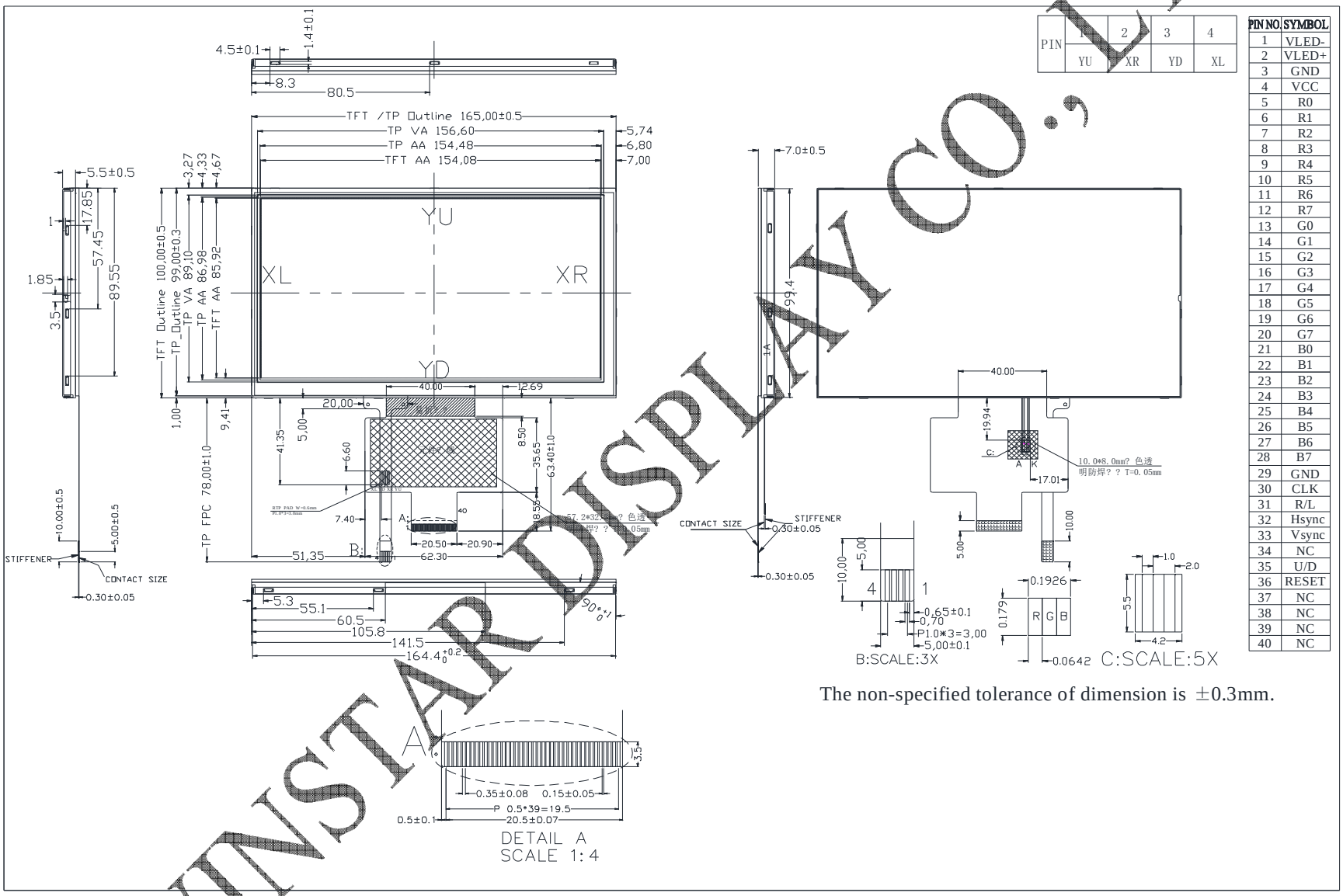
WINSTAR DISPLAY CO., LTD

Interface

Pin	Symbol	Function
1	VLED-	Backlight ground
2	VLED+	Power supply for backlight
3	GND	Power ground
4	VCC	Power for Digital Circuit
5	R0	Red data(LSB)
6	R1	Red data
7	R2	Red data
8	R3	Red data
9	R4	Red data
10	R5	Red data
11	R6	Red data
12	R7	Red data(MSB)
13	G0	Green data(LSB)
14	G1	Green data
15	G2	Green data
16	G3	Green data
17	G4	Green data
18	G5	Green data
19	G6	Green data
20	G7	Green data(MSB)
21	B0	Blue data(LSB)
22	B1	Blue data
23	B2	Blue data
24	B3	Blue data
25	B4	Blue data
26	B5	Blue data
27	B6	Blue data
28	B7	Blue data(MSB)
29	GND	Power Ground
30	CLK	Sample clock
31	R/L	Right /Left selection
32	Hsync	Horizontal Sync Input
33	Vsync	Vertical Sync Input
34	NC	No connection
35	U/D	Up/down selection
36	RESET	Global reset pin.
37	NC	No connection
38	NC	No connection
39	NC	No connection
40	NC	No connection

WINSTAR DISPLAY CO., LTD

Contour Drawing



PIN NO.	SYMBOL
1	VLED-
2	VLED+
3	GND
4	VCC
5	R0
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	CLK
31	R/L
32	Hsync
33	Vsync
34	NC
35	U/D
36	RESET
37	NC
38	NC
39	NC
40	NC

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

WINSTAR DISPLAY CO.,LTD