

# BTF050A-AWR\$



## ● Feature

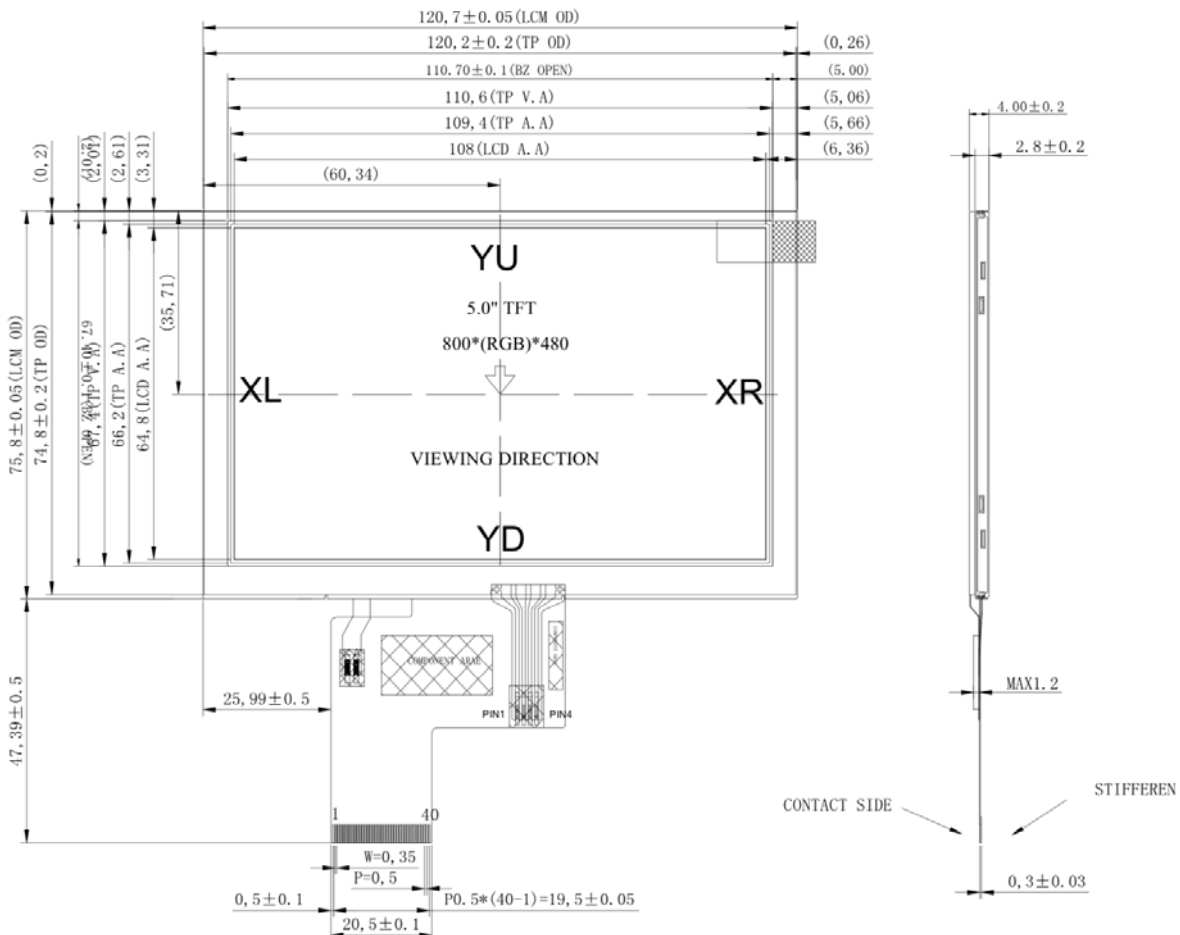
1. 5.0" TFTLCD
2. Resolution:800\*480
3. DisplayType:TFT/Transmissive/Positive
4. Interface Type:24-BIT RGB
5. Drive IC:ILI5960+ILI6122
6. Surface Luminance:360cd/m<sup>2</sup>
7. Top:-20°C~70°C
8. Support Resistive Touch Panel



## ● Mechanical Data

1. Module(WxHxT)(mm):120.7\*75.8\*4.0
2. Active Area(mm):108\*64.8
3. LED Numbers:12 LEDs

## ● Mechanical Drawing



## ● Interface Pin Function

Pin No.	Symbol	Description
1	LED-	Cathode of LED backlight
2	LED+	Anode of LED backlight
3	GND	Power ground
4	VDD	Power voltage
5-12	R0-R7	Red data
13-20	G0-G7	Green data
21-28	B0-B7	Blue data
29	GND	Power ground
30	DCLK	Pixel clock
31	DISP	Display on/off
32	HSYNC	Horizontal sync signal
33	VSYNC	Vertical sync signal
34	DE	Data enable
35	NC	NO connect
36	GND	Power ground
37	XR	Right electrode -differential analog
38	YD	Bottom electrode -differential analog
39	XL	Left electrode -differential analog
40	YU	Top electrode -differential analog

## ● Electrical Characteristics

Item	Symbol	Min	Typ.	Max	Unit	Applicable terminal
Supply Voltage for Analog	VDD	3.0	3.3	3.6	V	
Supply Voltage for Logic	VDD	3.0	3.3	3.6	V	
Input Voltage	V <sub>IL</sub>	-0.3	-	0.2VDD	V	
	V <sub>IH</sub>	0.8 VDD	-	VDD		
Input leakage Current	I <sub>LKG</sub>	-		-	μA	