

BTF050A-AWN\$



● Feature

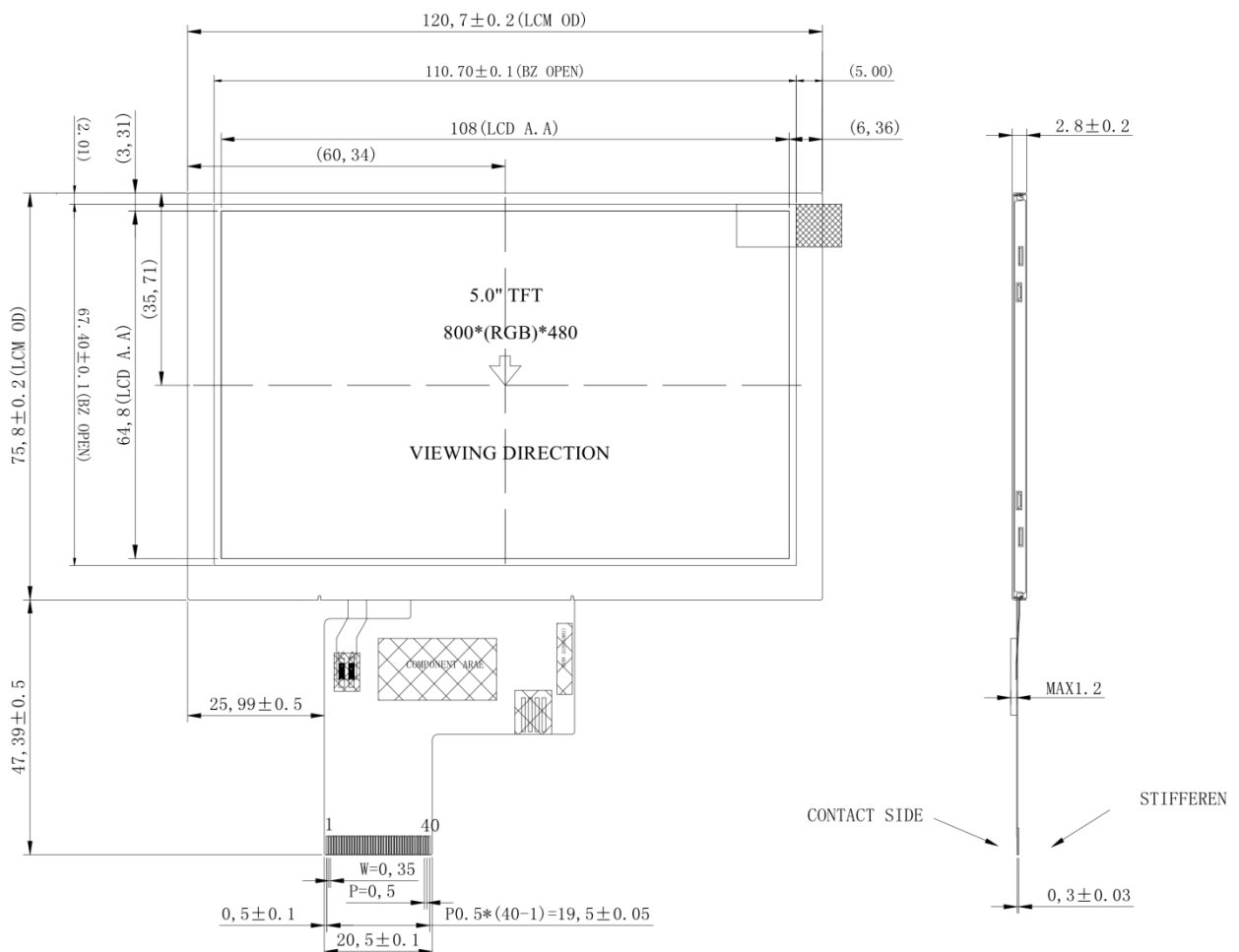
1. 5.0" TFTLCD
2. Resolution:800*480
3. DisplayType:TFT/Transmissive/Positive
4. Interface Type:24-BIT RGB
5. Drive IC:ILI5960+ILI6122
6. Surface Luminance:450cd/m²
7. Top:-20°C~70°C

● Mechanical Data

1. Module(WxHxT)(mm):120.7*75.8*2.8
2. Active Area(mm):108*64.8
3. LED Numbers:12LEDs



● 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	NC	NO connect
38	NC	NO connect
39	NC	NO connect
40	NC	NO connect

● 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 _{IL}	-0.3	-	0.2VDD	V	
	V _{IH}	0.8 VDD	-	VDD		
Input leakage Current	I _{LKG}	-		-	μA	