

# BTF070B-ABR\$



## ● Feature

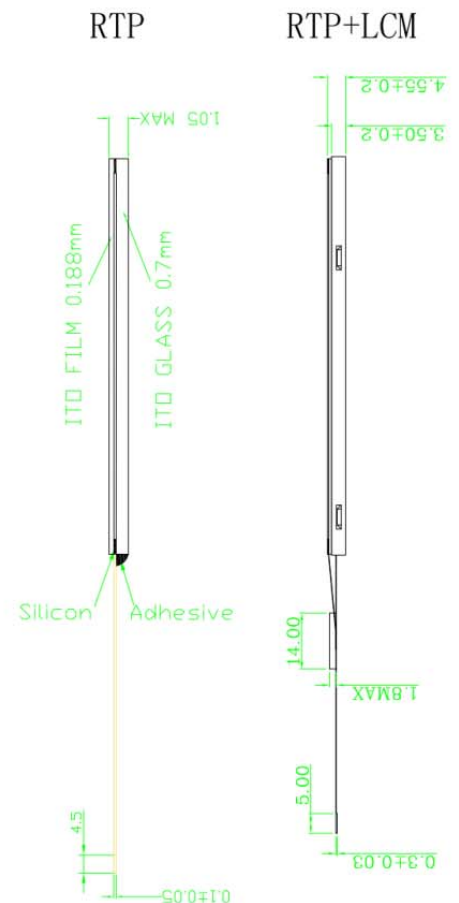
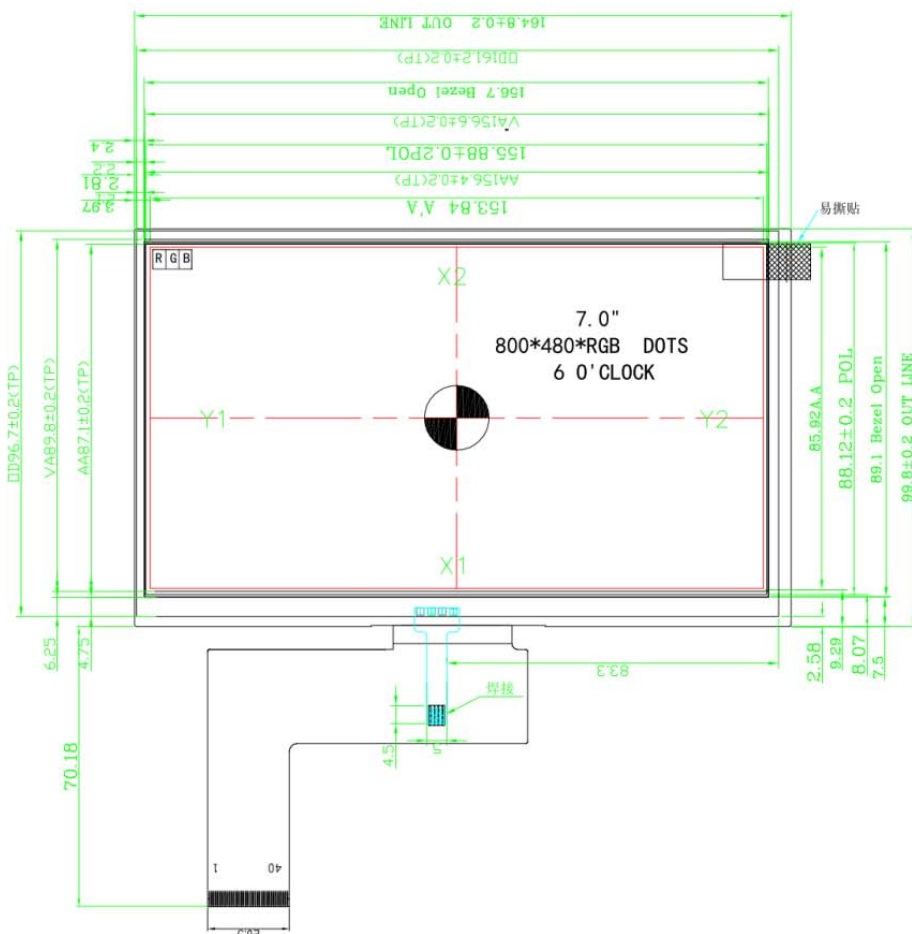
1. 7.0" TFTLCD
2. Resolution:800\*480
3. DisplayType:TFT/Normally/White/Transmissive
4. Interface Type:24-BIT RGB
5. Surface Luminance:350cd/m<sup>2</sup>
6. Top:-20°C~60°C
7. Support Resistive Touch Panel

## ● Mechanical Data

1. Module(WxHxT)(mm):164.8\*99.8\*4.55
2. Active Area(mm):153.84\*85.92
3. LED Numbers:24LEDs



## ● Mechanical Drawing



## ● Interface Pin Function

Terminal No.	Symbol	IO	Functions
1	VLED-	P	Power for LED backlight (Cathode)
2	VLED+	P	Power for LED backlight (Anode)
3	AGND	P	Analog Ground
4	VCOM	I	Common voltage
5	R0	I	Red data(LSB)
6	R1	I	Red data
7	R2	I	Red data
8	R3	I	Red data
9	R4	I	Red data
10	R5	I	Red data
11	R6	I	Red data
12	R7	I	Red data(MSB)
13	G0	I	Green data (LSB)
14	G1	I	Green data
15	G2	I	Green data
16	G3	I	Green data
17	G4	I	Green data
18	G5	I	Green data
19	G6	I	Green data
20	G7	I	Green data(MSB)
21	B0	I	Blue data(LSB)
22	B1	I	Blue data
23	B2	I	Blue data
24	B3	I	Blue data
25	B4	I	Blue data
26	B5	I	Blue data
27	B6	I	Blue data
28	B7	I	Blue data(MSB)
29	GND	P	Ground
30	DCLK	I	Sample clock
31	DISP	I	Display on/off
32	HS	I	Horizontal Sync Input
33	VS	I	Vertical Sync Input
34	DE	I	Data Input Enable
35	NC	-	No connection
36	GND	P	Ground
37	X_R	P	Touch panel X-right
38	Y_D	P	Touch panel Y-bottom
39	X_L	P	Touch panel X-left
40	Y_U	P	Touch panel Y-up

## ● Electrical Characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	VDD	3.0	3.3	3.6	V
	VGH	17.5	18	19.5	V
	VGL	-8.5	-8	-7.5	V
	AVDD	10.0	10.3	10.6	V
VCOM	VCOM	3.2	3.38	3.8	V
Current of power supply	IVDD	-	4.0	10	mA
	IAVDD	-	50	100	mA
	IGH	-	0.2	1.0	mA
	IGL	-	0.2	1.0	mA
Input voltage 'H' level	VIH	0.7VDD	-	VDD	V
Input voltage 'L' level	VIL	0	-	0.3VDD	V