

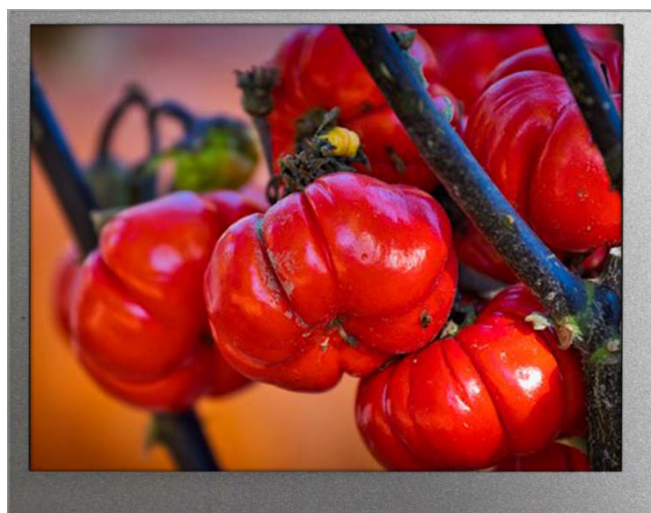


● Feature

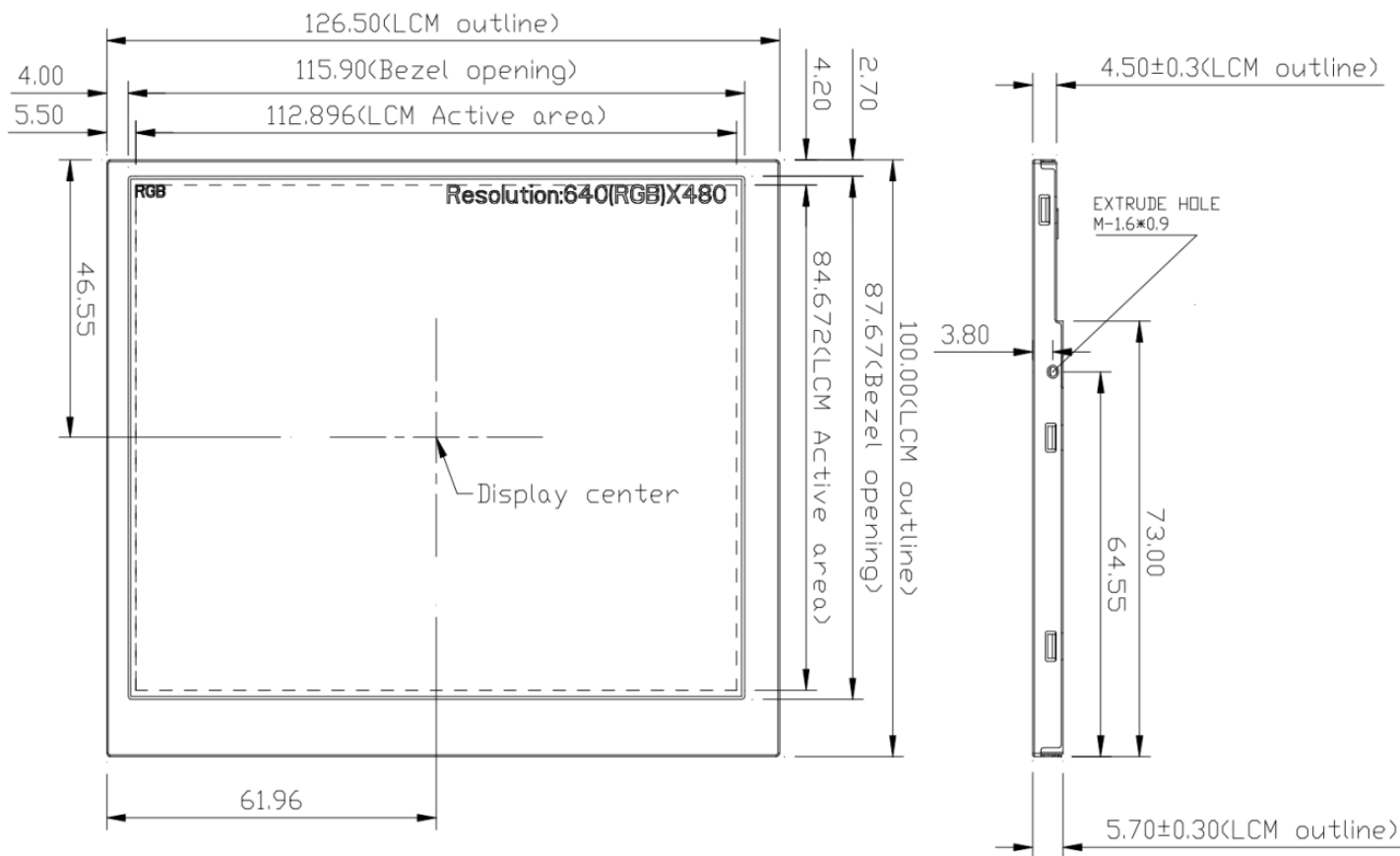
1. 5.6" TFTLCD
2. Resolution:640*480
3. DisplayType:TFT/Normally/White/Transmissive
4. Interface Type:18-BIT RGB
5. Surface Luminance:350cd/m²
6. Top:-20°C~70°C

● Mechanical Data

1. Module(WxHxT)(mm):126.5*100*5.7
2. Active Area(mm):112.896*84.672



● Mechanical Drawing



● Interface Pin Function

Pin No.	Symbol	Function
1	VLED	Power Voltage for LED circuit
2	VLED	Power Voltage for LED circuit
3	ADJ	Adjust the LED brightness with PWM Pulse
4	GLED	Ground for LED circuit
5	GLED	Ground for LED circuit
6	VCC	Power Voltage for digital circuit
7	VCC	Power Voltage for digital circuit
8	MODE	DE or HV mode control
9	DE	Data enable
10	VS	Vsync signal input
11	HS	Hsync signal input
12	GND	Power ground
13	B5	Blue data input (MSB)
14	B4	Blue data input
15	B3	Blue data input
16	GND	Power ground
17	B2	Blue data input
18	B1	Blue data input
19	B0	Blue data input(LSB)
20	GND	Power ground
21	G5	Green data input(MSB)
22	G4	Green data input
23	G3	Green data input
24	GND	Power ground
25	G2	Green data input
26	G1	Green data input
27	G0	Green data input(LSB)
28	GND	Power ground
29	R5	Red data input(MSB)
30	R4	Red data input
31	R3	Red data input
32	GND	Power ground
33	R2	Red data input
34	R1	Red data input
35	R0	Red data input(LSB)
36	GND	Power ground
37	DCLK	Sample clock
38	GND	Power ground
39	L/R	Select left to right scanning direction
40	U/D	Select up or down scanning direction

● Electrical Characteristics

Item	Symbol	Values			Unit	Remark
		Min.	Typ.	Max.		
Power voltage	V _{CC}	3.1	3.3	3.5	V	
	V _{LED}	4.8	5.0	5.2	V	
Current Consumption	I _{CC}	-	200	250	mA	
	I _{LED}	-	380	450	mA	
Input logic high voltage	V _{IH}	0.7V _{CC}	-	1V _{CC}	V	
Input logic low voltage	V _{IL}	0	-	0.3V _{CC}	V	
LED life time	-	20,000	-	-	Hr	