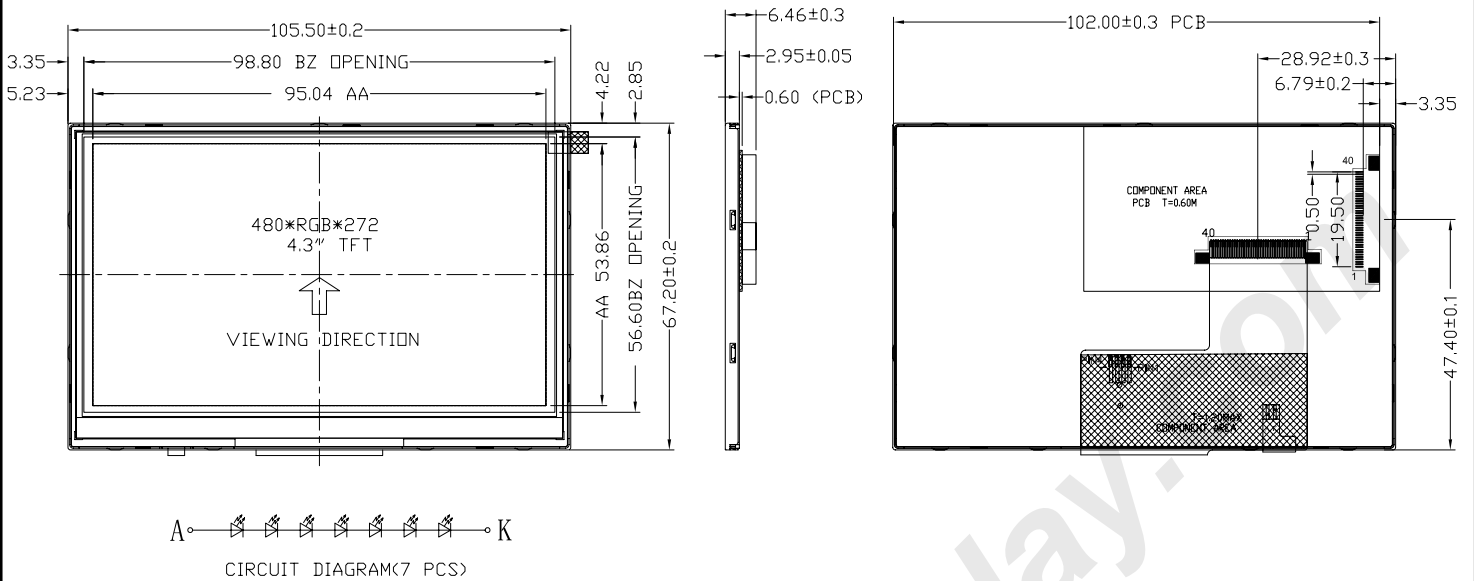


Dimension Drawing



TOLERANCES UNLESS OTHERWISE STATED
X.X ±0.20 X.XX ±0.10 UNIT: mm

Feature:

1. Resolution is 480 (RGB) x 272 Pixel
2. +3.3V power supply
3. Display Mode is TN, Normal White
4. Display color is 65K/262K colors
5. Input Interface is 8/9/16/18bit 6800 or 8080 MCU
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	GND	21	DB11
2	GND	22	DB12
3	VLED+	23	DB13
4	VLED-	24	DB14
5	REST	25	DB15
6	RS	26	DB16
7	/CS	27	DB17
8	/WR (E)	28	65K/262K colors
9	/RD (R/W)	29	GND
10	DB0	30	NC or TP-XR
11	DB1	31	NC or TP-XL
12	DB2	32	NC or TP-XR
13	DB3	33	NC or TP-XR
14	DB4	34	NC
15	DB5	35	VCC
16	DB6	36	VCC
17	DB7	37	VCC
18	DB8	38	GND
19	DB9	39	GND
20	DB10	40	GND

Mechanical Data

Item	Standard	Unit
Module dimension	105.5 x 67.2 x 4.5	mm
Active area	95.04 x 53.856	mm
Dots pitch	0.198 x 0.198	mm
Screen size	4.3 (Diagonal)	inches

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Power supply	VCC	-0.5	---	5.0	V
Logic input voltage	Vci	-0.5	---	5.0	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VDDIO	+3.0V	3.1	3.3	3.5	V
Viewing angle	θL	9 o'clock	60	65	----	degree
	θR	3 o'clock	60	65	----	degree
	θU	12 o'clock	35	40	----	degree
	θD	6 o'clock	55	60	----	degree
Contrast ratio	CR	Best viewing angle	300	350	----	----
White luminance	ΔL	θ=Φ=0°	300	350	----	cd/m ²
LED forward voltage	VF	25 °C	21	22.4	23	V
LED forward current	IF	25 °C Edge	----	20	22	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C