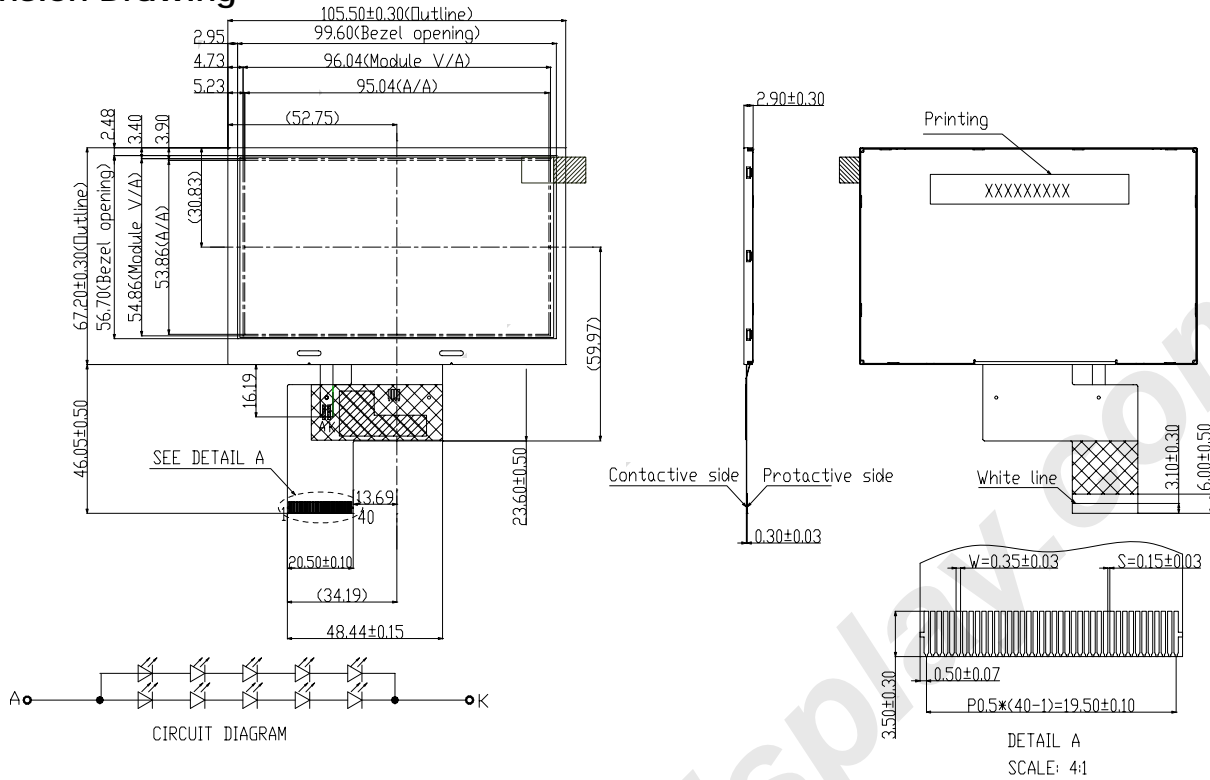


Dimension Drawing



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 16.7M colors
5. Input Interface is RGB 24 bits
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	VLED-	21	B0
2	VLED+	22	B1
3	GND	23	B2
4	VCC	24	B3
5	R0	25	B4
6	R1	26	B5
7	R2	27	B6
8	R3	28	B7
9	R4	29	GND
10	R5	30	CLK
11	R6	31	DISP
12	R7	32	HSYNC
13	G0	33	YSYNC
14	G1	34	DE
15	G2	35	NC
16	G3	36	GND
17	G4	37	NC or TP-XR
18	G5	38	NC or TP-YB
19	G6	39	NC or TP-XL
20	G7	40	NC or TP-YT

Mechanical Data

Item	Standard	Unit
Module dimension	105.5 x 67.2 x 2.9	mm
Active area	95.04 x 53.86	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	-0.3	---	4.0	V
Logic input voltage	Vci	-0.5	---	5.0	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VDDIO	+3.0V	3.0	3.3	3.6	V
Viewing angle	θL	9 o'clock	60	70	----	degree
	θR	3 o'clock	60	70	----	degree
	θU	12 o'clock	60	70	----	degree
	θD	6 o'clock	40	50	----	degree
Contrast ratio	CR	Best viewing angle	400	500	----	----
White luminance	ΔL	θ=φ=0°	300	350	----	cd/m ²
LED forward voltage	VF	25°C	----	16	16.5	V
LED forward current	IF	25°C Edge	----	20	23	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C