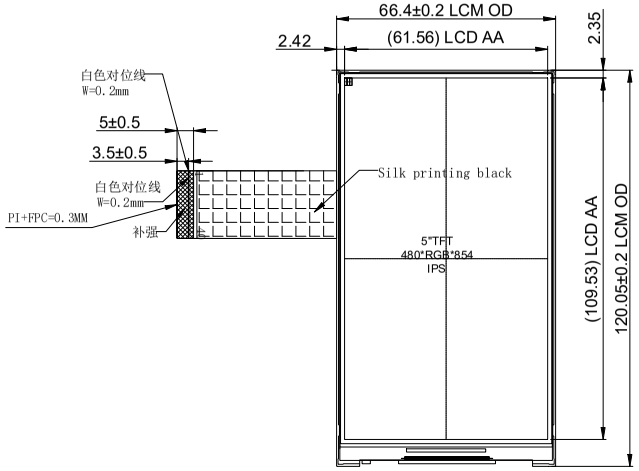
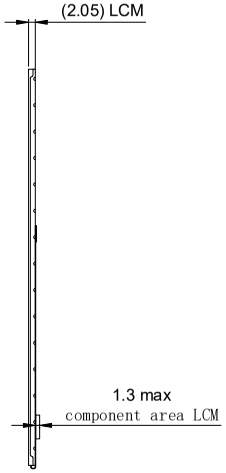
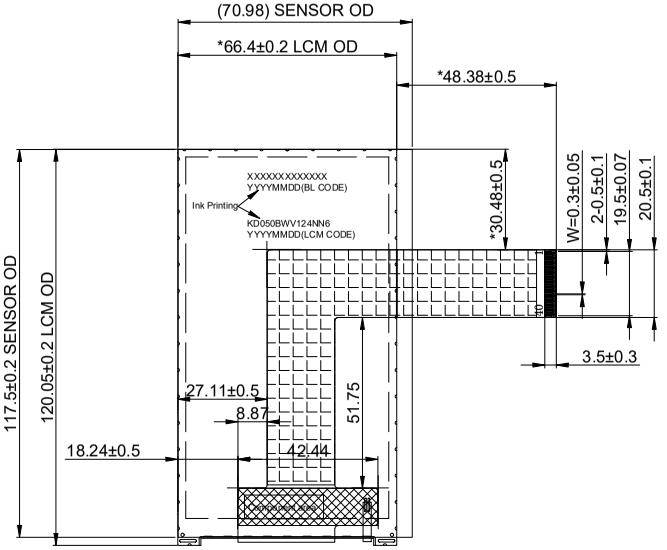
Front view



Side view



Rear View

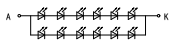


LCM PIN

PIN	SYMBOL
1	GND
2	NC
3	LED-
4	LED-
5	NC
6	LED+
7	LED+
8	NC
9	VDD3.3V
10	VDD3.3V
11	VDDIO3.3V
12	NC
13	GND
14	GND
15	NC
16	NC
17	GND
18	NC
19	NC
20	GND
21	MIPI_CLK+
22	MIPI_CLK-
23	GND
24	MIPI_D1+
25	MIPI_D1-
26	GND
27	MIPI_D0+
28	MIPI_D0-
29	GND
30	GND
31	GND
32	GND
33	NC
34	RESET(3.3V)
35	NC
36	GND
37	GND
38	GND
39	GND
40	GND

CTP PIN

1	GND
2	SCL
3	SDA
4	INT
5	RESET
6	NC
7	VDD
8	NC



要求：全无点

CTP NOTES:
1.G+G:Cover Glass：1.1mm，SCA:0.2mm，SENSOR:0.7mm,Total：2.0±0.15mm；
2.Working condition: DC3.3V，IO voltage：3.3V，Interface: I2C
3.IC:ILI2130(COF) .Support touch: 5points;
4.Surface hardness:≥6H;
5.Luminousness:≥85%;
6.All RoHS certificated.

NOTES:
1. DISPLAY TYPE: 5.0 INCH TFT /Normal Black
2. BACKLIGHT: 12 CHIP WHITE LED, 6S2P
VF =16.2~20.4V;IF = 40 mA
3. OPERATING TEMP: -20°C~+70°C
4. STORAGE TEMP: -30°C~+80°C
5. LCD IC: ST7701S
6. Luminance:290cd/m2(Min), 340cd/m2(TYP)
7. "( )"reference dimension. ""critical dimension
8. RoHS Compliant

REV.	DATE	MODIFICATION
1.0	2024.12.27	First issue

INTERFACE	MIPI Interface
	FPC Connector (FH12-40S-0.5SH)
VIEWING DIRECTION	IPS
Gray DIRECTION	

KADI DISPLAY

Material code: TBD	PART NO. KD050BWV124NN
DWN LHF 2024.12.27	REV. 1.0 / SHEET OF 1/1
CHKD HuangLi 2024.12.27	TOLERANCE UNLESS SPECIFIED ±0.2
PROJECTION 3rd ANGLE	UNIT mm / SCALE 1:1