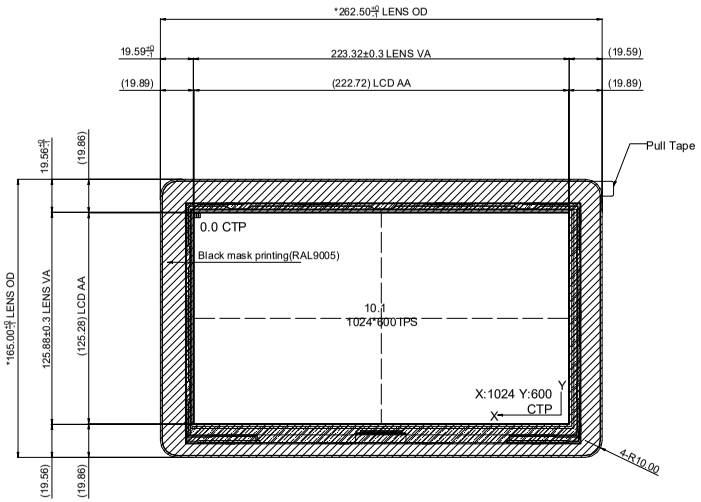
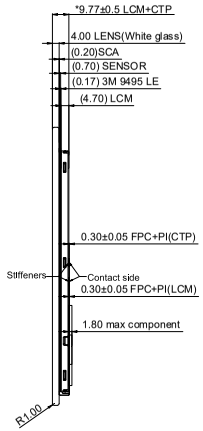
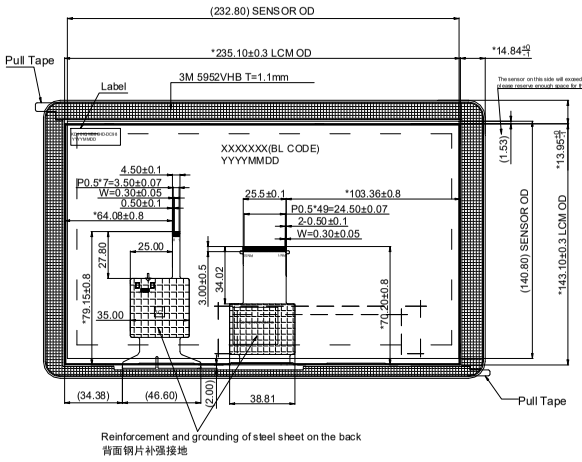
Front View

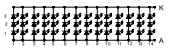


Side View



Rear view





Backlight LED Circuit

LCM PIN

PIN	SYMBLE
1	VLED+
2	VLED+
3	VLED-
4	VLED-
5	GND
6	NC
7	VDD
8	MODE
9	DE
10	VS
11	HS
12	B7
13	B6
14	B5
15	B4
16	B3
17	B2
18	B1
19	B0
20	G7
21	G6
22	G5
23	G4
24	G3
25	G2
26	G1
27	G0
28	R7
29	R6
30	R5
31	R4
32	R3
33	R2
34	R1
35	R0
36	GND
37	DCLK
38	GND
39	L/R
40	U/D
41	NC
42	NC
43	NC
44	RESET
45	NC
46	NC
47	DITHB
48	GND
49	NC
50	NC

CTP PIN

PIN	SYMBLE
1	GND
2	VDD3.3V
3	SDA
4	SCL
5	RST
6	INT
7	NC
8	GND

CTP NOTES:
1.G+G:Cover Glass：4.0MM，SCA:0.2MM，
SENSOR:0.7MM，Total ：4.9±0.2MM ；
2.Working condition: DC3.3V，Interface: I2C
IO voltage：3.3V，Connection: FPC，
Interrupt mode: pull-down pulse
3 .IC:ILI2132(COF) .Support touch: 10points
4.Surface hardness:≥6H;
5.Operation temperature:-20°C~+70°C
6.Storage temperature:-30°C~+80°C
7.Luminousness:≥85%;
8.RoHS Compliant;

LCM NOTES:
1. DISPLAY TYPE: 10.1 INCH TFT /Normally Black
2. BACKLIGHT: 42 CHIP WHITE LED, 3S14P
VF =8.1~10.2V;IF = 350mA
3. OPERATING TEMP: -20°C~+70°C
4. STORAGE TEMP: -30°C~+80°C
5. LCD IC: HX8282-A11+HX8696-A00
6.Luminance:420cd/m2(TYP) 370cd/m2(MIN)
7. "( )"reference dimension."*"critical dimension
8. RoHS Compliant

REV.	DATE	MODIFICATION
1.0	2025.3.19	First Issue

INTERFACE	RGB Interface
VIEWING DIRECTION	FREE
Gray DIRECTION	

KADI DISPLAY

Material code: TBD	PART NO. KD101QWS86HD-DC98
DWN LY 2025.3.19	REV. 1.0 / SHEET OF 1/1
CHKD LHF 2025.3.19	TOLERANCE UNLESS SPECIFIED ±0.3
APP LHF 2025.3.19	UNIT mm / SCALE 1:1
PROJECTION 3rd ANGLE	