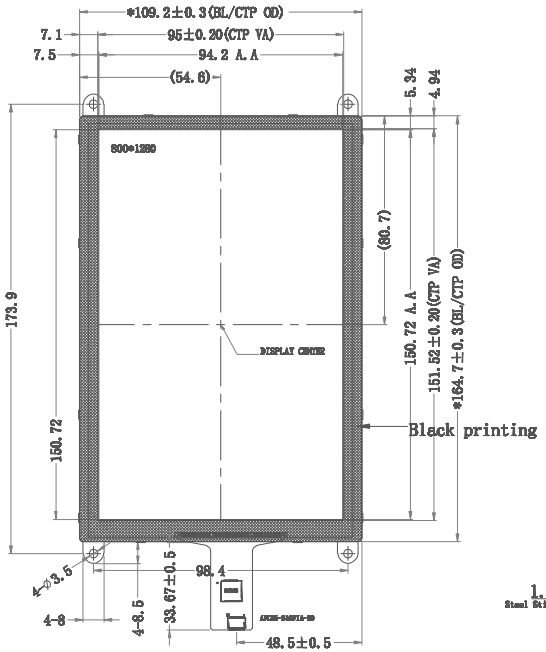
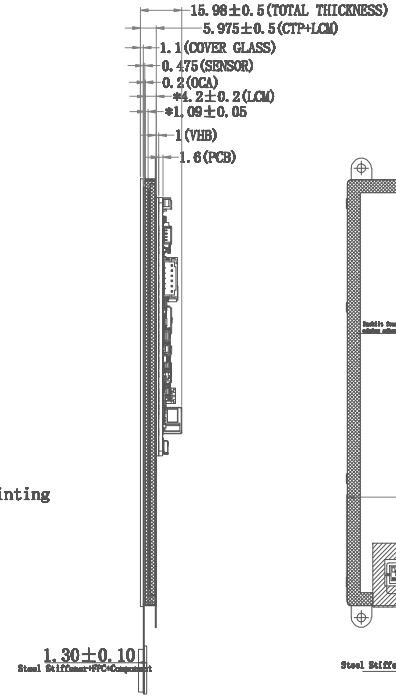
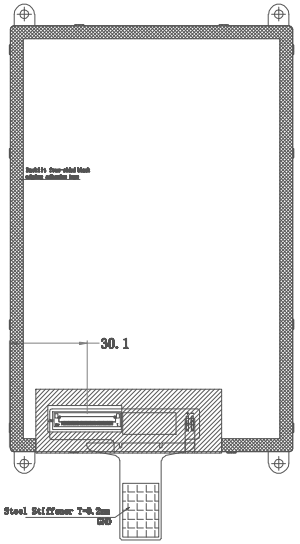
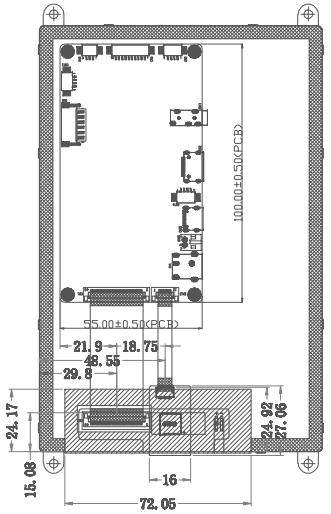
RevNo	Revision note	Date	Signature	Checked
1				
2				
3				



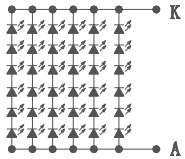






Note:
1. G+F+F
   COVER Glass:1.1mm
   SENSOR:0.475mm
   Drive IC:GT928
2. Operating Voltage: 3.3 V
3. Transmittance: ≥85%
4. Hardness: 6H
5. Operating TEMP: -20℃~+70℃, ≤90%RH
6. Storage TEMP: -30℃~+80℃, ≤90%RH
7. General Tolerance: ±0.2mm

NOTES:
1. DISPLAY TYPE: 7.0″, 800*1280 TFT LCD
2. DISPLAY MODE: transmissive Normally Black
3. VIEWING DIRECTION: 80/80/80/80
4. DRIVER IC: JD9365
5. LCM (White 9 AVG 1/9) :
   Brightness: 500 cd/m² (TYP) or 1000 cd/m² (TYP)
   Uniformity: 80%(MIN)
6. BACK LIGHT: 36 chip white LEDs If=180mA, Vf=18V
7. OPERATING TEMP: -20° C TO 70° C
   STORAGE TEMP: -30° C TO 80° C
8. * Critical Parameter, ( ) ref Parameter, [ ] cpk Parameter
   Unspecified Tolerances: ±0.20mm
   Modification mark:
9. REQUIREMENTS ENVIRONMENTAL PROTECTION: RoHS



LED 6S6P 18V 180mA

CN13 Speaker output

PIN NO	DESCRIPTION
1	RM
2	RP
3	LM
4	LP

CN6 Key interface

PIN NO	DESCRIPTION
1	3.3V
2	NMI
3	RST
4	LED1
5	KEYIN
6	GND
7	LED0
8	LED0
9	LP
10	IR

CN10 USB Type-C

PIN NO	DESCRIPTION
1	GND
2	VBUS
3	NC
4	CC1
5	DN
6	DP
7	NC
8	DP
9	DN
10	CC2
11	VBUS
12	GND

CN2 HDMI

PIN NO	DESCRIPTION
1	DATA2 SHIELD
2	DATA2+
3	DATA2-
4	DATA1 SHIELD
5	DATA1+
6	DATA1-
7	DATA0 SHIELD
8	DATA0+
9	DATA0-
10	CLK SHIELD
11	CLK+
12	CLK-
13	NC
14	NC
15	SCL
16	SDA
17	GND
18	+5V POWER
19	HPD PLUG

Limits Unless Otherwise Noted					Signature	Date	Material	
Tolerance Grade				Design			Unit	mm
Grade	○			Drawing				
0 - 150	±0.10	±0.15	±0.20	Check			Scale	1:1
150+	±0.20	±0.25	±0.30	Approval			Date	20241219
Angle	±0.50°	±0.80°		Customer confirm				

4D SYSTEMS

Customer NO.	
Drawing NO.	4DHDMI-70-1280-800-CT-EAR-500 4DHDMI-70-1280-800-CT-EAR-1000
Projection	Ver. 1.0