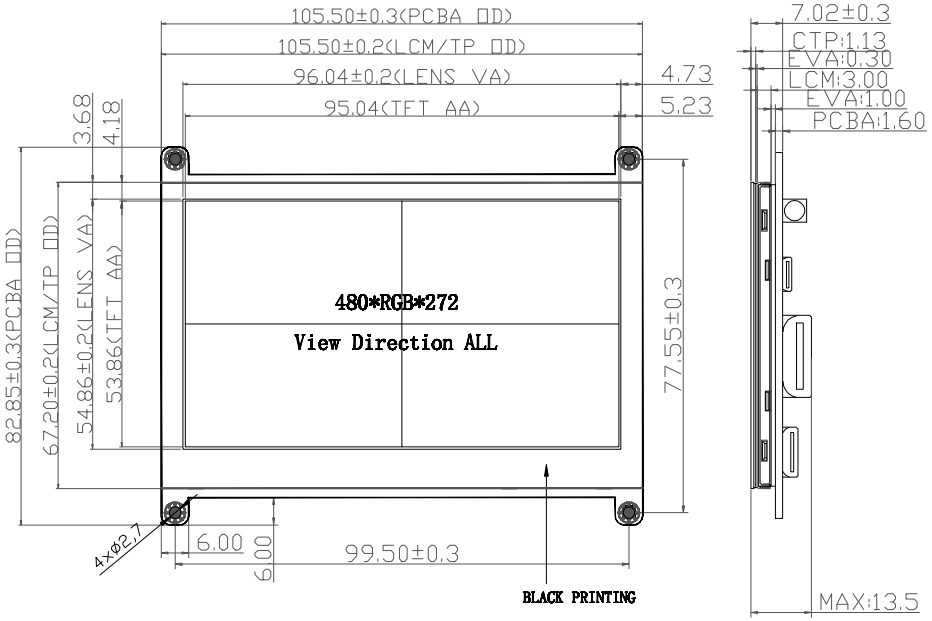
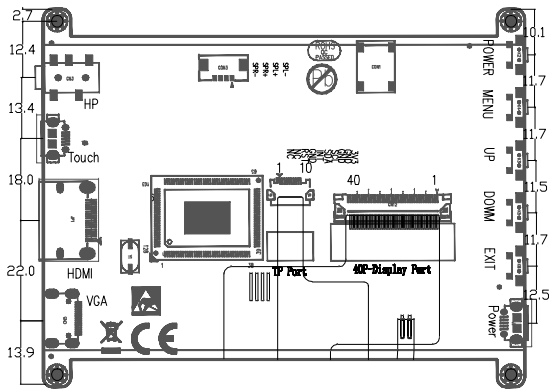
RevNo	Revision note	Date	Signature	Checked
1				
2				
3				

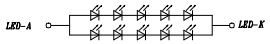




Note:
1. COVER Glass+ITO FILM+FPC
   COVER Glass:0.7mm
   ITO FILM:0.425mm
   FPC:(PINCH=0.5mm)
   Thickness: 1.125±0.1mm
   Drive IC:GT911
2. Operating Voltage: 2.8V-3.3 V
3. Transmittance: ≥86%
4. Hardness: 6H
5. Operating TEMP: -20℃~+70℃, ≤90%RH
6. Storage TEMP: -30℃~+80℃, ≤90%RH
7. General Tolerance: ±0.2mm

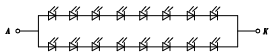
NOTES:
1.Display: HSD 4.3WQVGA IPS;
2.Driver IC: SC7283;
3.STORAGE TEMPERATURE: −30°C TO 80°C;
  OPERATING TEMPERATURE: −20°C TO 70°C;
4.BL LED: 5 or 8 CHIP−WHITE LEDS SERIES*2,
If=40mA, Vf=15V−16.5V(500cd/m2) or
Vf=21.5V−26.5V(1000cd/m2);
  LCM Brghtness: 500cd/m2(TYP) or
1000cd/m2(TYP);
  CHROMATICITY COORDINATE:
X: 0.30±0.03, Y: 0.325±0.03;
5.CONNECTOR TYPE :
6."*" CRITICAL DIMENSION; () REFERENCE DIMENSION;

LED CIRCUIT DIAGRAM:500cd/m2



VF=15-16.5V IF=2*20mA

LED CIRCUIT DIAGRAM:1000cd/m2



VF=21.5-26.5V IF=2*20mA

CN5 VGA

PIN NO	DINFINATION
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	DDC
14	CEC
15	SCL
16	SDA
17	NC
18	+5V POWER
19	HOT PLUG

JP1 HDMI

PIN NO	DINFINATION
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	DDC/CEC GND
14	CEC
15	SCL
16	SDA
17	UTILITY
18	+5V POWER
19	HOT PLUG

CON3 Speaker output

PIN NO	DINFINATION
1	SPL-
2	SPL+
3	SPR+
4	SPR-

J2 Touch USB

PIN NO	DINFINATION
1	GND
2	DM
3	DP
4	NC
5	+5V

J1 USB Power input

PIN NO	DINFINATION
1	GND
2	NC
3	NC
4	NC
5	+5V

Limits Unless Otherwise Noted					Signature	Date	Material	
Tolerance Grade				Design				
Grade	○			Drawing			Unit	mm
0 - 150	±0.10	±0.15	±0.20	Check			Scale	1:1
150+	±0.20	±0.25	±0.30	Approval				
Angle	±0.50°	±0.80°		Customer confirm			Date	20241228

4D SYSTEMS

Customer NO.	
Drawing NO.	4DHDMI-43-480-272-CT-EAR-500 4DHDMI-43-480-272-CT-EAR-1000
Projection	Ver. 1.0