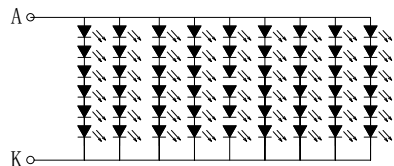
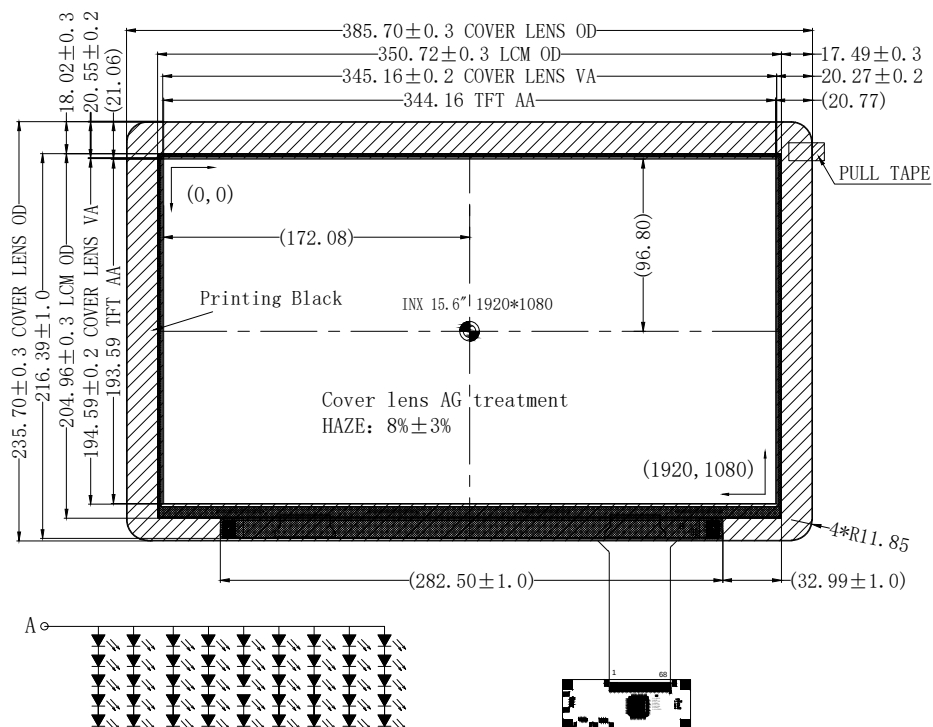


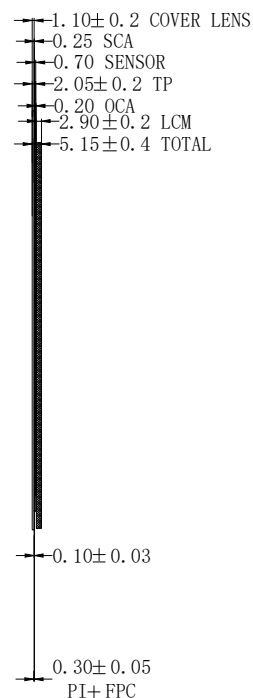
FRONT VIEW



Backlight LED Circuit

Display Type	IPS Normally Black
Display Resolution	1920(RGB)X1080
Viewing Driection	Full
LCD Controller/Driver	
Logic Voltage	3.3V
Operation Temperature	0°C TO 50°C
Storage Temperature	-20°C TO 60°C
Backlight Speciality	White LED Backlight(54PCS-WHITE LED) Vf = 36V(Typ), If = 180mA Brightness = 420cd/m2(Typ)
Remark	

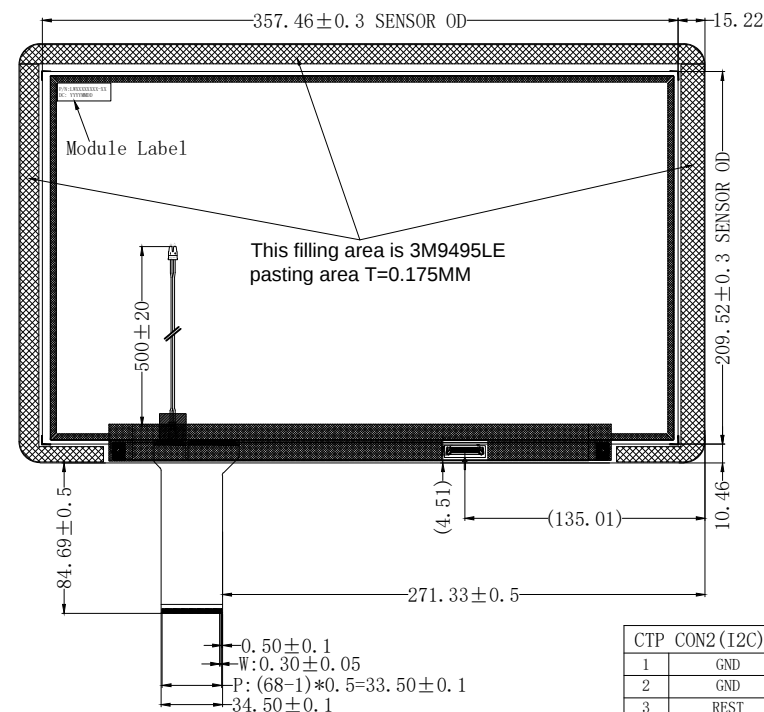
SIDE VIEW



- CTP:
- IC: ILI 2511
 - I2C VDD: 3.3 V;
USB VDD: 5V
 - Transparency: $\geq 72\%$
 - Hardness: $\geq 3H$
 - Coordinate: Up-Left
 - Top: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$, $\leq 90\%RH$
 - Tst: $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$, $\leq 90\%RH$
 - Tolerance without mark: $\pm 0.3\text{mm}$
 - Compliant with ROHS

REV	Revision content description	Date
01	FIRST ISSUE	2021.08.18
02	Modify cover lens VA	2021.10.18
03	Modify steel frame and power line for backlight	2021.12.02

REAR VIEW



CTP CON2 (I2C)

1	GND
2	GND
3	REST
4	INT
5	GND
6	I2C_SCL
7	I2C_SDA
8	VDD(+3.3V)
9	GND
10	GND

CTP CON3 (USB)

1	VDD(+5V)
2	DN
3	DP
4	GND

LCM CON1	
1	NC
2	GND
3	LANE 1(N)
4	LANE 1(P)
5	GND
6	LANE 0(N)
7	LANE 0(P)
8	GND
9	AUX_CH(P)
10	AUX_CH(N)
11	GND
12	LCD_VCC
13	LCD_VCC
14	NC
15	GND
16	GND
17	HPD
18	GND
19	GND
20	GND
21	GND
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC



LCD WORLD LIMITED

TOLERANCE(公差)		Mod.Name		
TOLERANCE UNLESS OTHERWISE SPECIFIED	X.X±0.5 X.XX±0.3	LW156RFEC3-01		
UNIT	DESIGNED(structure)	DESIGNED(electron)	APPROVED	
mm				ASSEMBLE