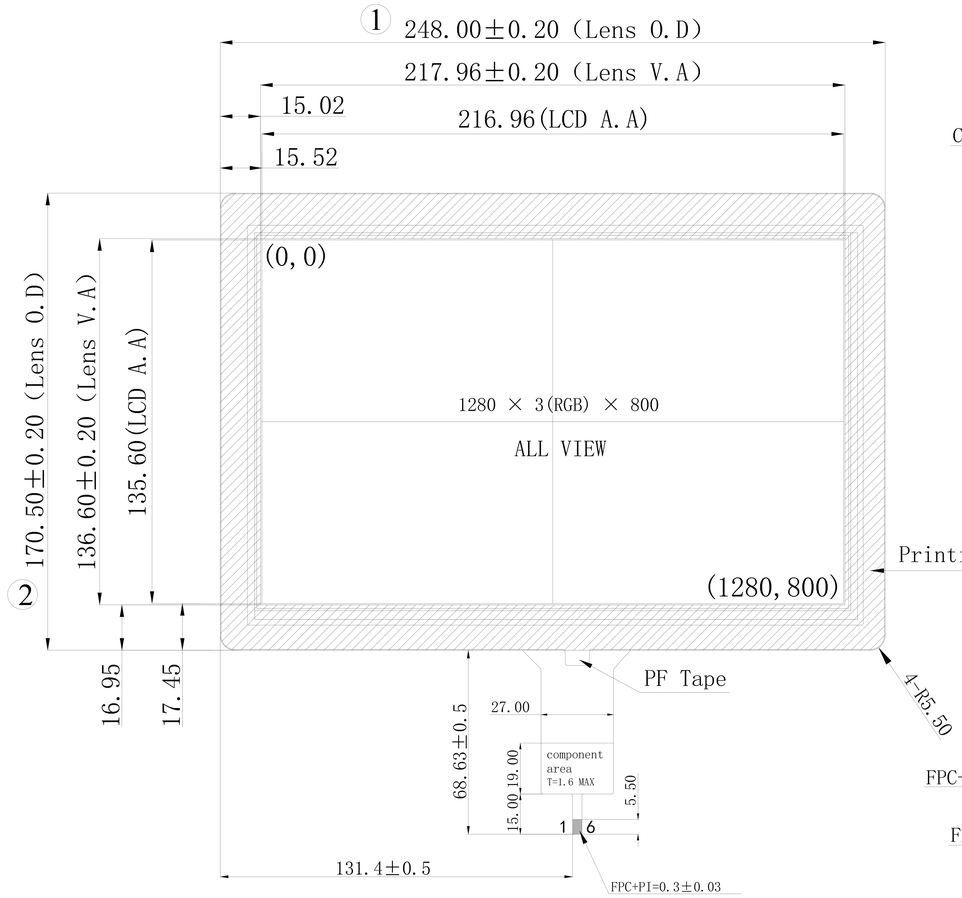
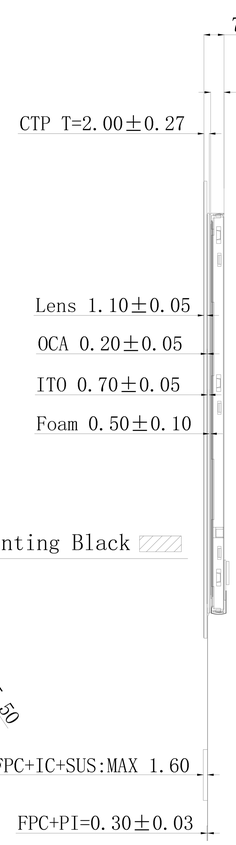
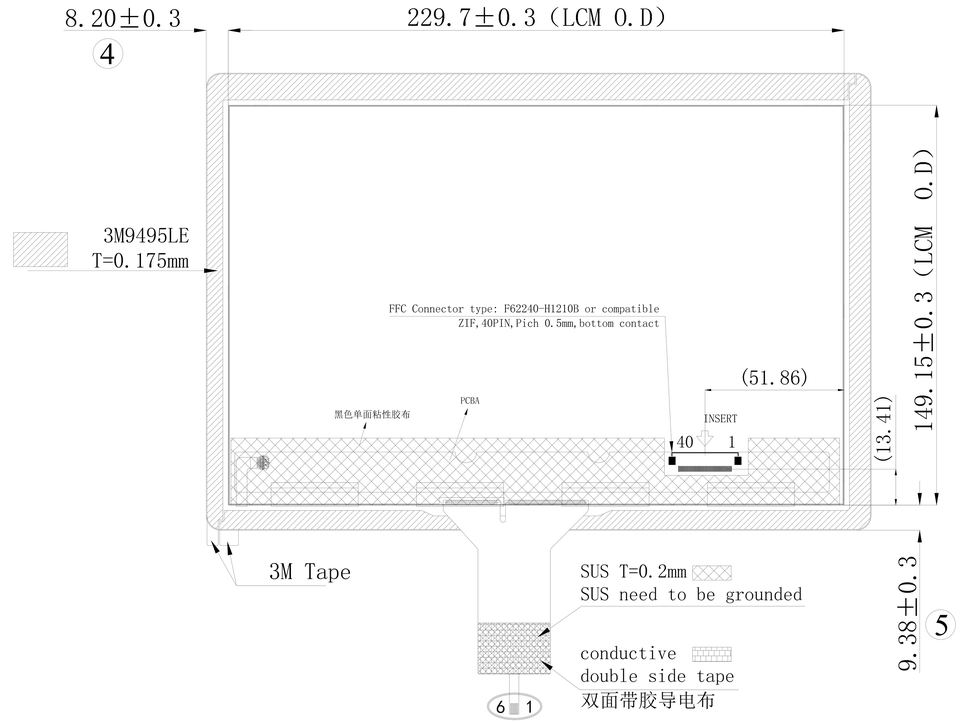






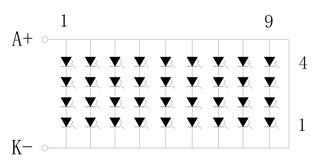
A"

PIN:	SYMBLE
1	VCOM
2	VDD
3	VDD
4	NC
5	NC
6	NC
7	GND
8	RXIN0-
9	RXIN0+
10	GND
11	RXIN1-
12	RXIN+
13	GND
14	RXIN2-
15	RXIN2+
16	GND
17	RXCLKIN-
18	RXCLKIN+
19	GND
20	RXIN3-
21	RXIN3+
22	GND
23	NC
24	NC
25	GND
26	NC
27	LED_PWM
28	NC
29	AVDD
30	GND
31	LED-
32	LED-
33	NC
34	NC
35	VGL
36	NC
37	CABC_EN
38	VGH
39	LED+
40	LED+

	Min	Typ	Max	Unit
VDD	3.0	3.3	3.6	V
AVDD	8.3	8.5	8.7	V
VGH	21.5	22	22.5	V
VGL	-7.7	-8.2	-8.7	V
VCOM	3.2	3.4	3.6	V

NOTES:

1. GENERAL TOLERANCE:±0.2
2. ( )REFERENCE DIMENSION
3. Important dimension: 1 ~ 5

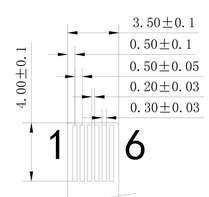


LED CIRCUIT

10.8V~13.6V@9*40MA=360MA

CTP specifications:

1. COVER GLASS+SENSOR GLASS+FPC
   COVER GLASS:1.1mm
   SENSOR GLASS:0.7mm
   IC:GT928
   Resolution:1280(RGB)*800
2. Voltage:2.8-3.3V
3. Transmittance:≥86%
4. Surface hardness:6H(750gf)
5. Tem.op:-20℃~+70℃, ≤85%RH
6. Tem.st:-30℃~+80℃, ≤90%RH



DETAIL"A"

PIN NO	DINFINATION
1	GND
2	RST
3	INT
4	SCL(3.3V)
5	SDA(3.3V)
6	VDD(3.3V)

LCD Type	10.1"TFT,Transmissive Normally black,IPS
Resolution	1280(RGB)*800
View Direction	All o'clock
LCD driver IC	HX8245(*4)+HX8695(*2)+HX8861-H11(*1)
Coloer depth	16.7M
Interface types	Lvds
Operating voltage	More voltage
With TP/Lens	with CTP(IC:GT928)
Backlight	36 LEDs,360mA(typ),12.8V(ref.)
Surface luminance	800 cd/m²
Operating temperature	-20°C~70°C
Storage temperature	-20°C~80°C
Color chromaticity	[white] x:/y:

版本 (Version)	变更记录(Revise History)	日期(Date)
A0	Initial release	2021.12.18

设计(DESIGN)	Bill	TITLE: LCM+CTP	页面(Page) 1 / 1
审核(CHECKED)	Aron		单位(Unit) mm
批准(APPROVED)	Aron	Drawing No. TST101WXBN-69C	比例(SCALE) 1 : 1
客户承认 (CUSTOMER APPROVAL)			角度(Angle)

TSD™ 一众显示 TEAM SOURCE DISPLAY