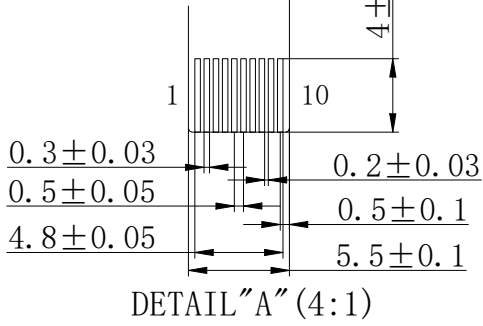
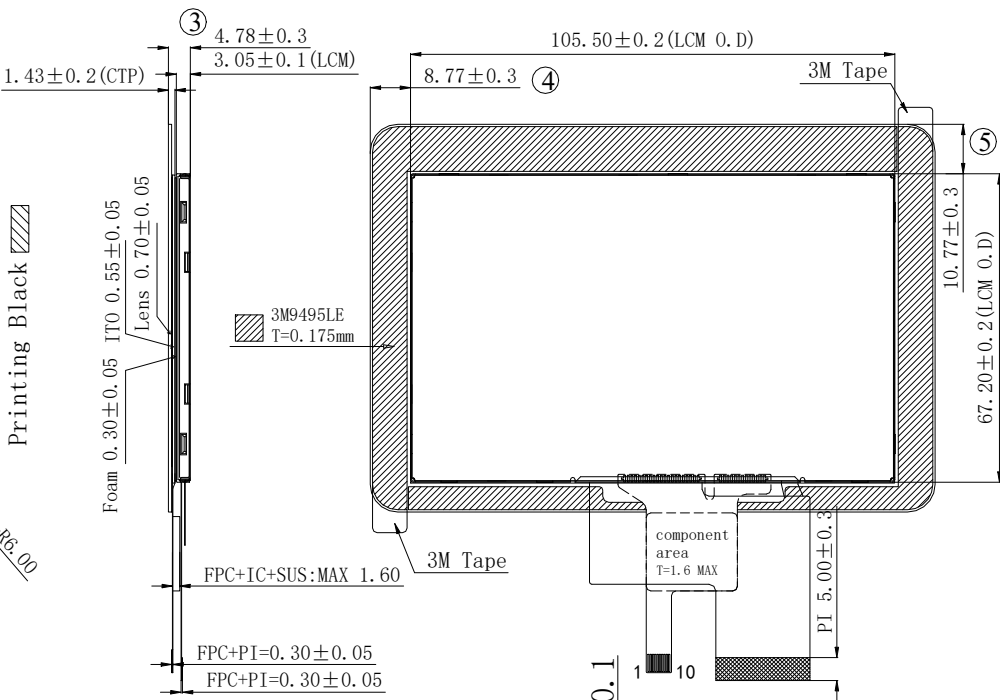
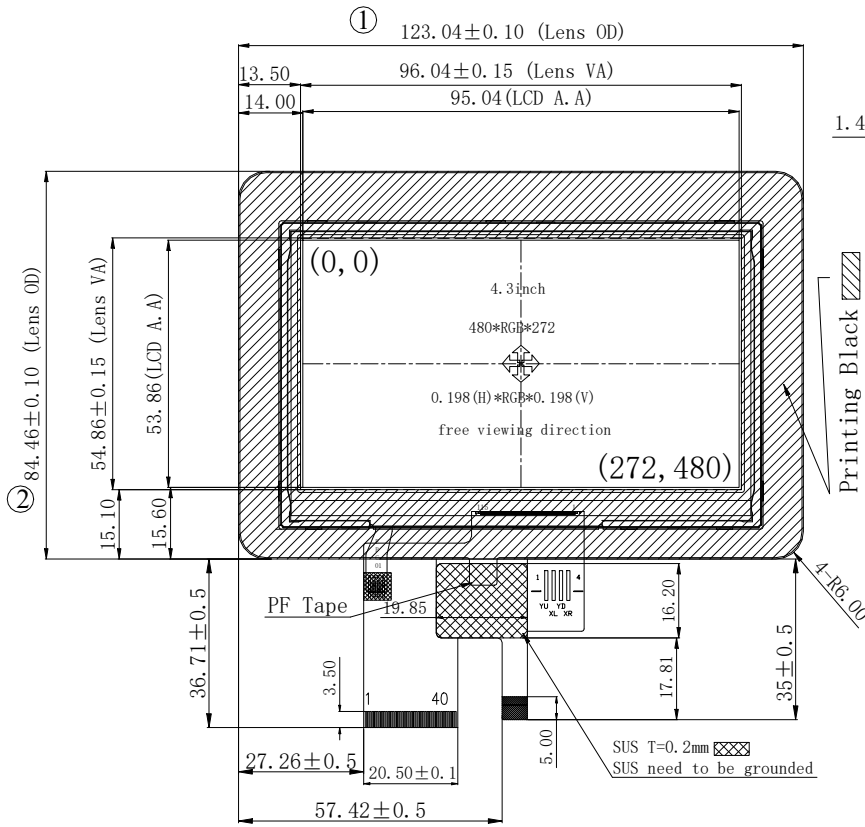


LCM PIN Definition

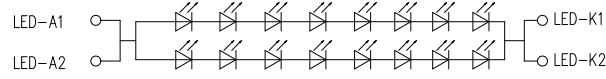
Pin	Symbol	Description
1	LED-	Power for LED
2	LED+	Power for LED
3	GND	Power ground
4	VDD	Power supply
5	R0	Blue data(LSB)
6	R1	Red data
7	R2	Red data
8	R3	Red data
9	R4	Red data
10	R5	Red data
11	R6	Red data
12	R7	Red data(MSB)
13	G0	Green data(LSB)
14	G1	Green data
15	G2	Green data
16	G3	Green data
17	G4	Green data
18	G5	Green data
19	G6	Green data
20	G7	Green data
21	B0	Blue data(LSB)
22	B1	Blue data
23	B2	Blue data
24	B3	Blue data
25	B4	Blue data
26	B5	Blue data
27	B6	Blue data
28	B7	Blue data(MSB)
29	GND	Power Ground
30	PCLK	Pixel clock
31	DISP	Display on/off
32	HSYNC	Horizontal sync signal
33	VSYNC	Vertical sync signal
34	DE	Data enable
35	NC	NC
36	GND	
37	XR	NC
38	YD	NC
39	XL	NC
40	YU	NC

PIN NO	DIFINATION
1	NC
2	NC
3	RST
4	GND
5	INT
6	SDA(3.3V)
7	SCL(3.3V)
8	GND
9	GND
10	VDD(3.3V)



- CTP specifications:
- COVER GLASS+SENSOR GLASS+FPC COVER GLASS:0.7mm
SENSOR GLASS:0.55mm
Connection:FPC:PINCH=0.5H
IC:FT5446DQS
Resolution:272(RGB)*480
 - Voltage:2.8-3.3V
 - Transmittance:≥86%
 - Surface hardness:6H(750gf)
 - Tem. op:-30°C~+80°C, ≤85%RH
 - Tem. st:-30°C~+80°C, ≤90%RH

- NOTES:
- GENERAL TOLERANCE: ±0.2
 - () REFERENCE DIMENSION
 - Important dimension: ①~⑤



LCD Type	4.3" TFT Transmissive Normally white FFS
Resolution	480(RGB)*272
View Direction	All o'clock
LCD driver IC	ST7282
Color depth	16.7M
Interface types	RGB24-bit
Operating voltage	3.3V
With TP/Lens	with CTP(IC:FT5446DQS)
Backlight	16 LEDs,40mA(typ),24.8V(ref.)
Surface luminance	720 cd/m²
Operating temperature	-30°C~80°C
Storage temperature	-30°C~80°C
Color chromaticity	[white] x/y:

版本 (Version)	变更记录 (Revise History)	日期 (Date)	设计 (DESIGN)	Bill
AO	Initial release	2021.04.15	审核 (CHECKED)	Aron
			批准 (APPROVED)	Aron
			客户承认 (CUSTOMER APPROVAL)	

日期 (Date)	设计 (DESIGN)	Bill
2021.04.15	审核 (CHECKED)	Aron
	批准 (APPROVED)	Aron
	客户承认 (CUSTOMER APPROVAL)	



TITLE:	页面 (Page)	1 / 1
LCM+CTP	单位 (Unit)	mm
Drawing No.	比例 (SCALE)	1 : 1
TST043WQHS-115C	角度 (Angle)	⊕