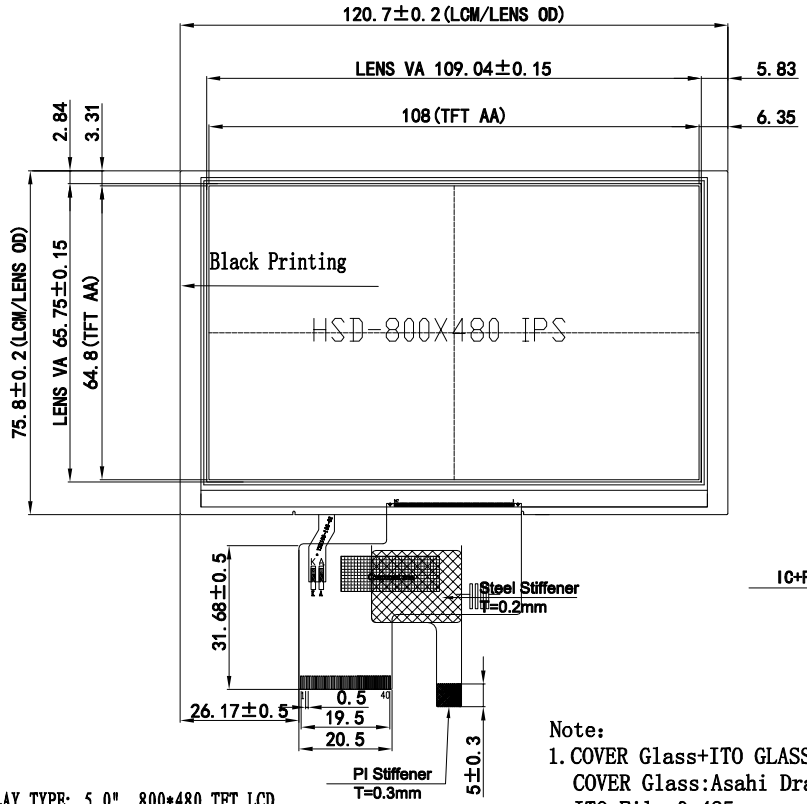
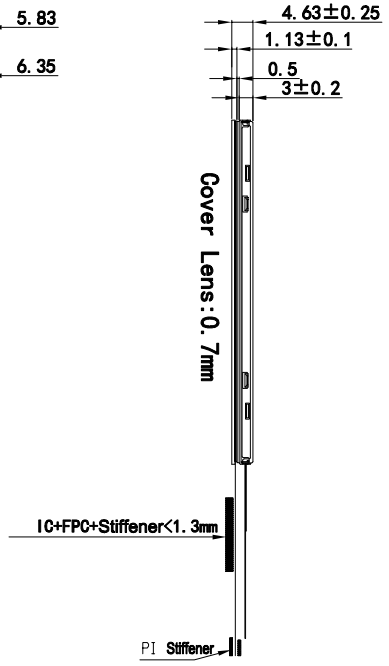
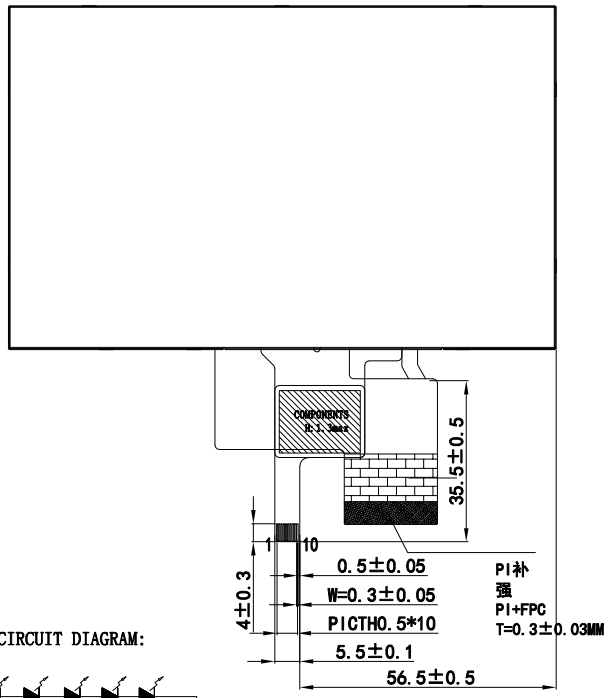
RevNo	Revision note	Date	Signature	Checked
1				
2				
3				





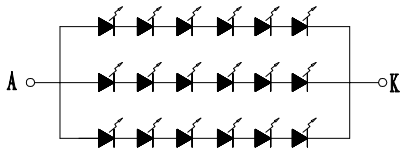


PIN:	SYMBLE
1	VLED-
2	VLED+
3	GND
4	VDD
5	RO
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	DCLK
31	DISP
32	HSYNC
33	VSYNC
34	DE
35	NC
36	GND
37	NC
38	NC
39	NC
40	NC

NOTES:
1. DISPLAY TYPE: 5.0", 800*480 TFT LCD
2. DISPLAY MODE: transmissive Normally Black
3. VIEWING DIRECTION: 80/80/80/80(TYP)
4. DRIVER IC:ST7262A
5. LCM (White 9 AVG 1/6) :
   Brightness: 540cd/m □(TYP)
   Uniformity:80%(MIN)
6. BACK LIGHT: 18 chip white LEDs If=60mA/LED,Vf=18V-18.6V
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. SUGGESTION:TP window size unilateral increase 0.3~0.5mm than LCM A.A
10. REQUIREMENTS ENVIRONMENTAL PROTECTION: RoHS

Note:
1. COVER Glass+ITO GLASS+FPC
   COVER Glass:Asahi Dragon Trail 0.7mm
   ITO Film:0.425mm
   FPC:(PINCH=0.5mm)
   Thickness：1.125±0.1mm
   Drive IC:FT5446
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

LED CIRCUIT DIAGRAM:



6*3=18EA If=60mA

PIN NO	DINFINATION
1	NC
2	NC
3	RST
4	GND
5	INT
6	SDA
7	SCL
8	GND
9	GND
10	VDD

Limits Unless Otherwise Noted				签名	日期
Tolerance Grade				设计	
Grade	◎			绘图	
0 - 150	±0.10	±0.15	±0.20	审核	
150+	±0.20	±0.25	±0.30	批准	
Angle	±0.50°	±0.80°		客户确认	

材料	
单位	mm
比例	1:1
日期	20200909

4D SYSTEMS PTY LTD

客户图号	
工程图号	4DLCD-50800480-IPS-CTP
投影法	版本 1.0