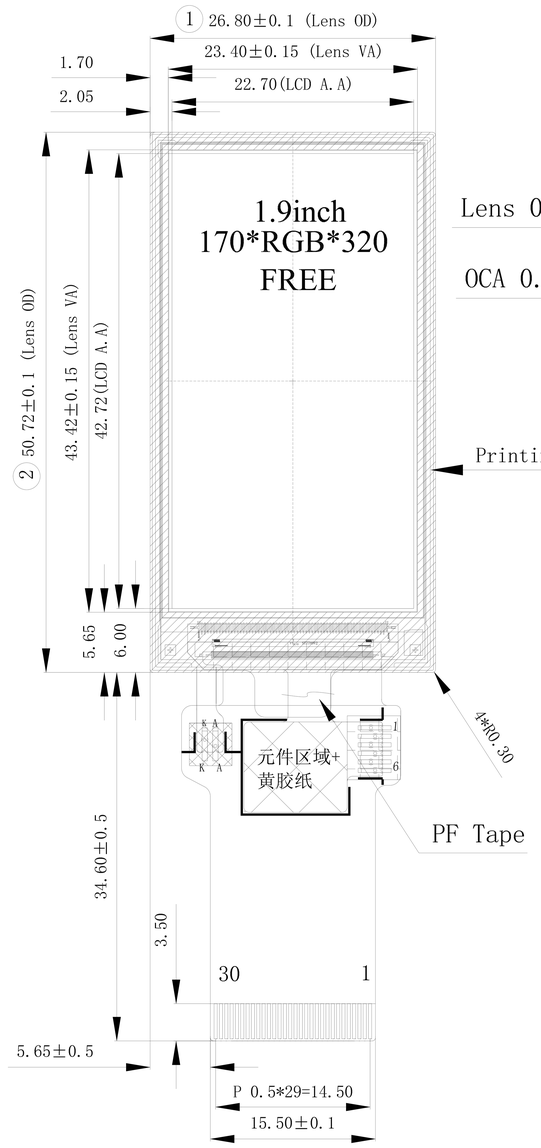

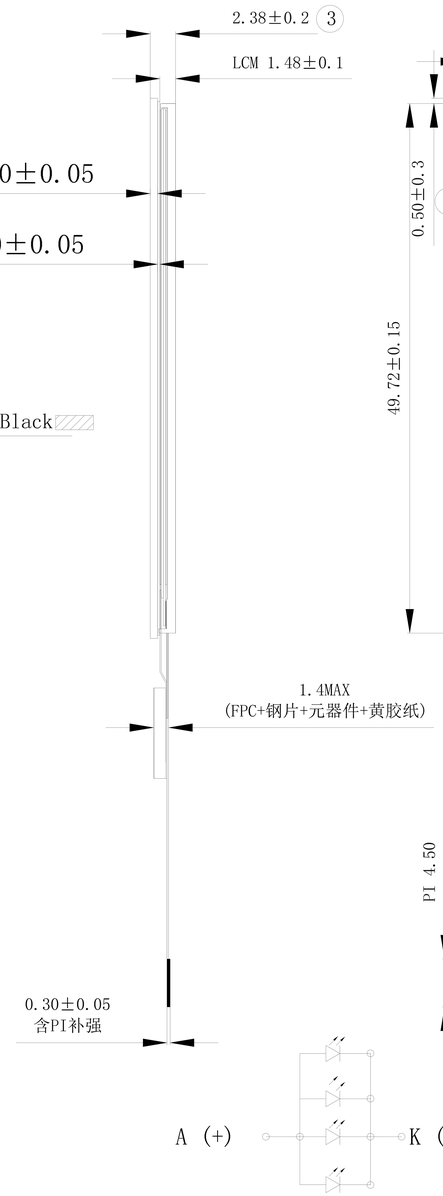

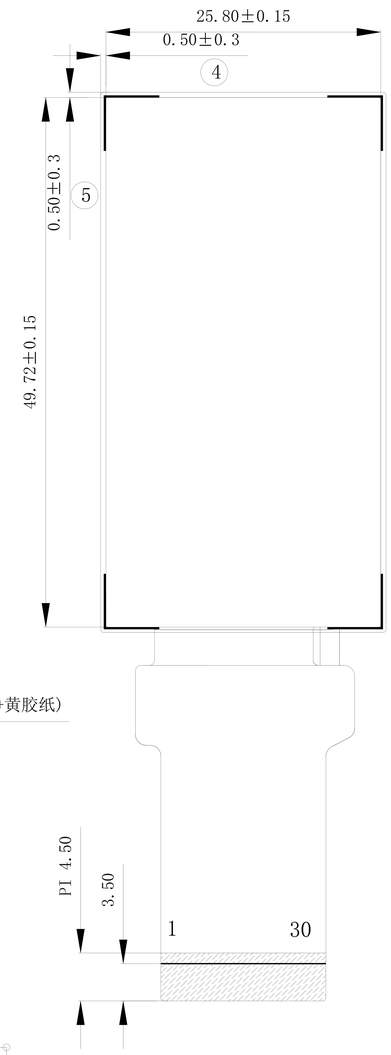

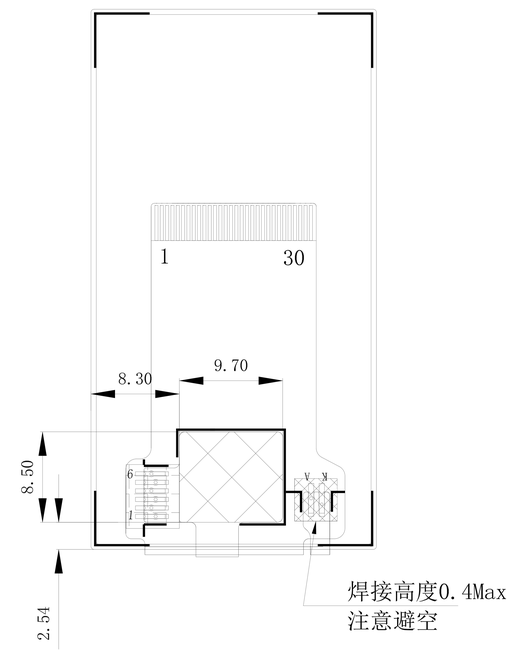

N0.	Pin Define
1	GND
2	VCI
3	IM2
4	IM1
5	RESET
6	CS
7	DC(SPI-SCL)
8	WR(SPI-RS)
9	RD
10	SDA
11	DB0
12	DB1
13	DB2
14	DB3
15	DB4
16	DB5
17	DB6
18	DB7
19	SDO
20	LED-A
21	LED-K1
22	LED-K2
23	LED-K3
24	LED-K4
25	GND
26	TP_RST(2.8v)
27	TP_SCL(2.8v)
28	TP_SDA(2.8v)
29	TP_INT(2.8v)
30	GND

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

背光电路图(CIRCUIT DIAGRAM)
VF=3.2V IF=60mA

盖板技术参数:
1. 透光率: ≥85%
2. 表面硬度: ≥6H
3. 表面压力: 400Pa
4. 落球测试: 32g钢球50cm跌落3次无损伤
5. 翘曲度: 在大理石平台上翘曲度<0.15
6. 工作环境: -10℃~+60℃, ≤90%RH
7. 储存环境: -20℃~+70℃, ≤90%RH
8. 尺寸未注公差:±0.10,
9. 未注明倒角±0.15
10. 符合ROHS要求

LCD Type	1.9"TFT,Transmissive Normally Black,IPS
Resolution	170(RGB)*320
View Direction	ALL o'clock
LCD driver IC	ST7789V2
Coloer depth	65K/262K
Interface types	MCU8-bit/SPI
Operating voltage	2.8V
With TP/Lens	Oncell (IC:FT3327)
Backlight	4 LEDs,60mA(typ),3.2V(ref.)
Surface luminance	350 cd/m²(typ)
Operating temperature	-20°C~70°C
Storage temperature	-30°C~80°C
Color chromaticity	[white] x:-,y:-

版本 (Version)	变更记录(Revise History)	日期(Date)
A1	Initial release	2022.04.18

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

TSD™ 一众显示 TEAM SOURCE DISPLAY

TITLE: LCM+CLB	页面(Page) 1 / 1
	单位(Unit) mm
Drawing No. TST019QVBS-07C	比例(SCALE) 1 : 1
	角度(Angle)