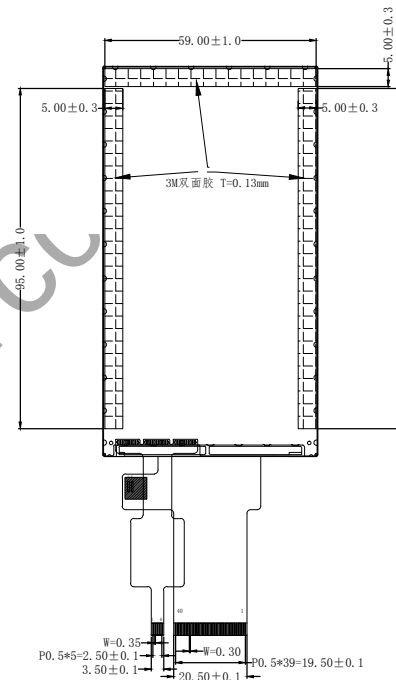
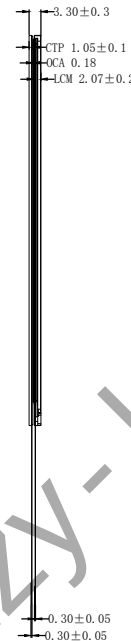
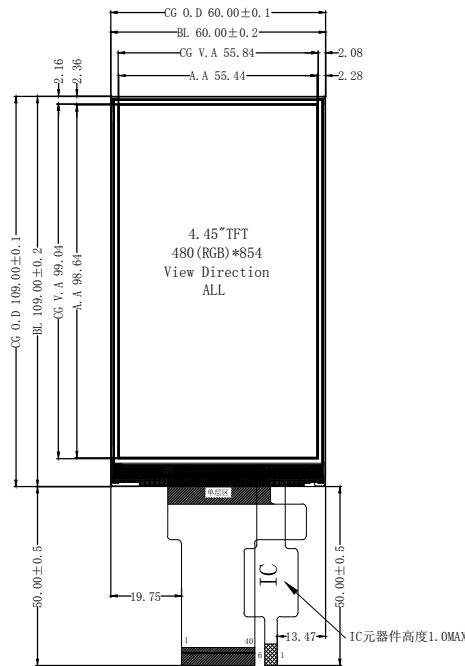


ROSH

Reversion	Discription	Date	Signed
V0	First	2025.08.22	Allen



FPC展开出货

PIN DESCRIPTION

1	K
2	A
3	GND
4	VCC
5~12	R0~R7
13~20	G0~G7
21~28	B0~B7
29	GND
30	PCLK
31	NC
32	HS
33	VS
34	DEN
35	NC
36	GND
37	RST
38	CS
39	SCL
40	SDA

PIN	DESC
1	SDA 3.3v
2	SCL 3.3v
3	RESET
4	INT
5	GND
6	VCC 3.3V



VF=15V(TYP); IF=40mA
LED CIRCUIT DIAGRAM

NOTES:

- DISPLAY TYPE:4.45" TFT, TRANSMISSIVE
- DRIVER IC:ST7701SN or compatible
- VIEWING DIRECTION: ALL
- BACKLIGHT: 10 pcs White LED
- BRIGHTNESS: 430cd/m2 (TYP)
- INPUT CURRENT: VCC 2.8V (TYP)
- OPERATING TEMP: -20° C ~ +70° C
- STORAGE TEMP: -30° C ~ +80° C
- UNDEFINED DIMENSION TOLERANCE: ±0.3mm
- RoHS COMPLIABLY
- 建议机壳开窗可视区比 LCD A. A区单边大 0.3mm

- CTP技术要求:
- 结构: G+FF(多点)
 - 强化参数:CS≥450MPa, DOL≥9um;
 - 落球标准:64g钢球、40cm高度、中心点三次, 无破碎。
 - 背面Film 达因子值:≥30, 油墨达因值:≥32
 - TP表面油墨附着力要求: 4B;
 - TP翘曲度:≤0.3mm
 - 未注倒边:C=0.15*0.15; 未注公差:±0.3
 - 环保符合RoHS和REACH要求;

Property	Requirement
IC	GT967
Glass Thickness	0.7(旭硝子)
Sensor Thickness	0.35
Surface Hardness	≥6H(750g)
Light Transmission	≥85%
Operating Temperature	-20~70℃
Storage Temperature	-30~80℃
Operating Humidity	45~85%RH
Storage Humidity	45~95%RH



深圳市华之洋光电科技有限公司

SHENZHEN HZY PHOTOELECTRIC TECHNOLOGY CO., LTD

Customer Ref.	Model No.		Drawing Title	HZO445FWPBSWS01C-AA				
---	Part No.	Approve	Material	Unmarked Tolerance	Unit	Scale	Page	
---	Drawing No.	Checked	LCM	±0.3	mm	--	1 of 1	
---	Draw	Allen	Date	2025.08.22	Rev V0			