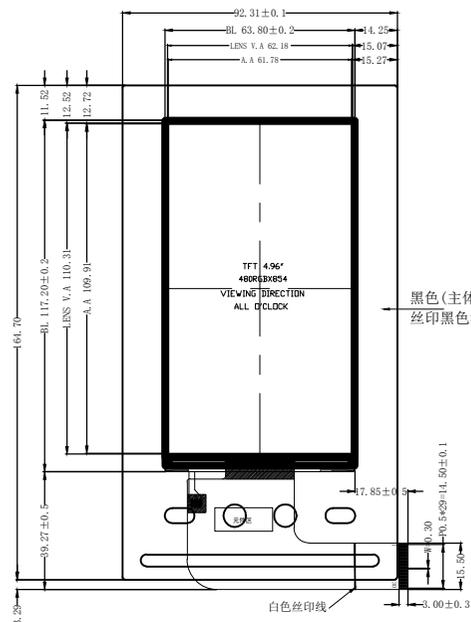


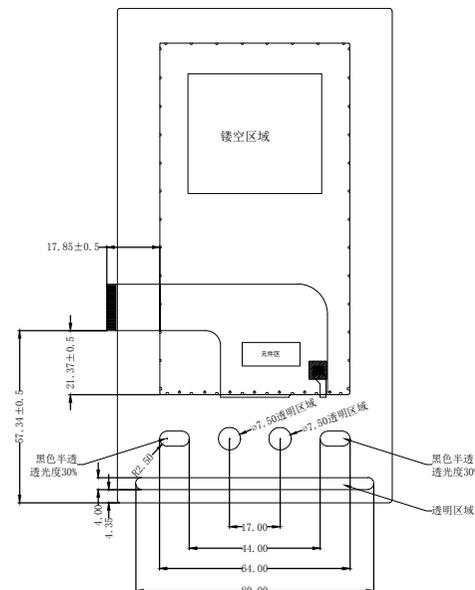
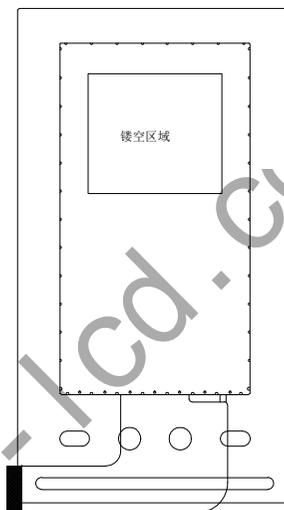
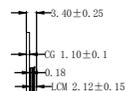
ROSH

Reversion	Discription	Date	Signed
A0	First	2025.09.02	Allen



黑色(主体)
丝印黑色油墨

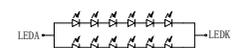
白色丝印线



No.	PIN NAME
1	LED+
2	LED-
3	LED-
4	VCI
5	IOVCC
6	RESET
7	TE
8	PWM(NC)
9	GND
10	DOP
11	DON
12	GND
13	D1P
14	D1N
15	GND
16	CLKP
17	CLKN
18	GND
19	D2P
20	D2N
21	GND
22	D3P
23	D3N
24	GND
25	TP_INT
26	TP_SDA
27	TP_SCL
28	TP_RST
29	TP_VCI
30	GND

MIPI-4lane

FPC弯折出货



VF=18V(TYP); IF=40mA
LED CIRCUIT DIAGRAM

- 备注:
1. 产品符合RoHS标准;
 2. 油墨厚度10-14UM内, 可视区处台阶二次黑在头次黑上外扩0.6MM;
 3. 材质旭硝子 1.1mm, 翘曲度≤0.3mm;
 4. 透光率≥90%;
 5. 表面硬度: ≥6H(1000g), 应力值CS≥500mpa, DOL≥10um ;
 6. 四点静压强度: 4PB≥600Mpa, 测试间距上20mm下40mm;
 7. 其他未标注公差±0.15控制; “◆”为CPK尺寸; “*”为出货重点检验尺寸
 8. 钢珠跌落试验的规格: φ25mm重64g钢球从40cm高处垂直落下3次, 玻璃无损;
 9. 印刷油墨为绝缘油墨, 使用绝缘阻抗测试仪, 将档位调整到1000V档, 每层油墨绝缘阻抗值≥1000MΩ/10mm。在CG背面油墨区选择上下左右测量4点; 油墨区域(包括IR孔, 摄像头区域, 指示灯区域等)做完高温高湿后不能脱落;
 10. 油墨区不透光 OD≥5.0; 背面油墨和背面可视区表面能: ≥34达因, 油墨附着力: ≥4B;
 11. 正反面保护膜要求: (1)四周超出盖板边缘: 短边&长边8±3mm (2)撕膜后不得有背胶、硅油残留;

- NOTES:
1. DISPLAY TYPE: 4.96" TFT, TRANSMISSIVE
 2. DRIVER IC: ST7102 or compatible
 3. VIEWING DIRECTION: ALL
 4. BACKLIGHT: 12 pcs White LED
 5. BRIGHTNESS: LCM 550cd/m2 (TYP)
BRIGHTNESS: CG+LCM 500cd/m2 (TYP)
 6. INPUT CURRENT: VCC 2.8V (TYP)
 7. OPERATING TEMP: -20° C ~ +70° C
 8. STORAGE TEMP: -30° C ~ +80° C
 9. UNDEFINED DIMENSION TOLERANCE: ±0.3mm
 10. RoHS COMPLIABLY
 11. 建议机壳开窗可视区比 LCD A.A区单边大 0.3mm



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		HZO496FWPSSWS01G-AA			
---	Approve	Material	Unmarked Tolerance	Unit	Scale	Page	
---	Checked	LCM	±0.3	mm	--	1 of 1	
Drawing No.	Draw	Allen	Date	2025.09.02	Rev 00	