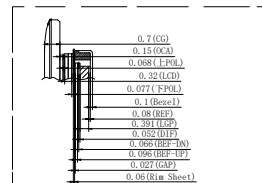
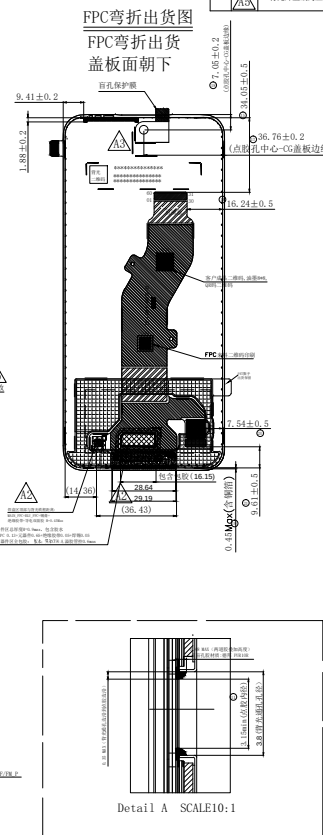
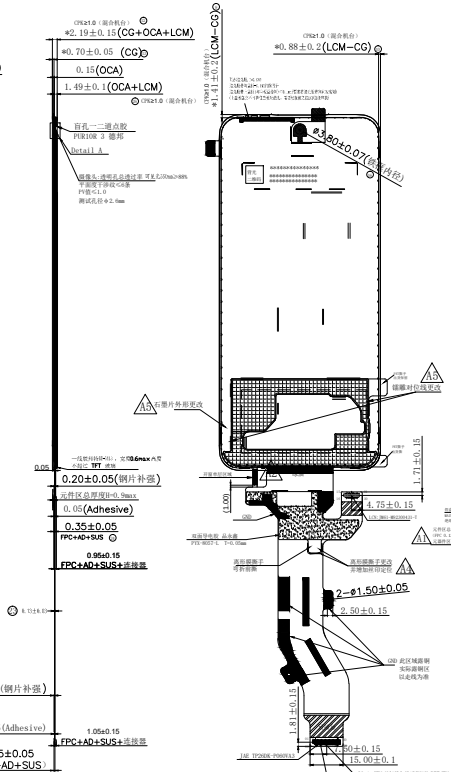
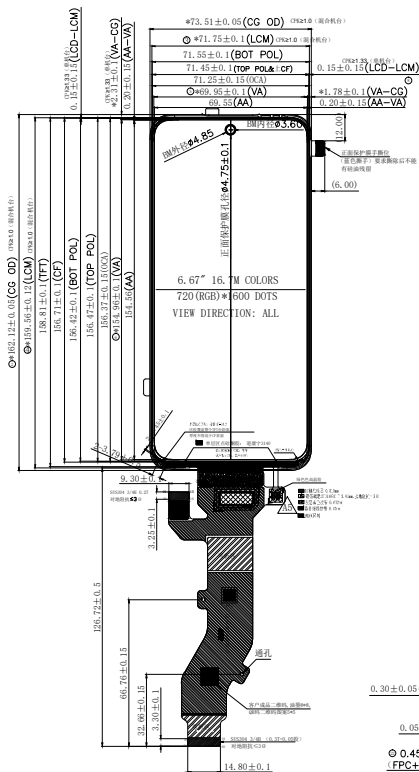
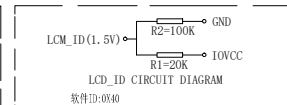
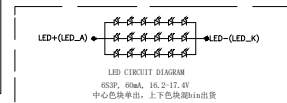


|              |                  |                                 |         |     |                                                                        |            |
|--------------|------------------|---------------------------------|---------|-----|------------------------------------------------------------------------|------------|
| 符合客户<br>环保要求 | 无卤               | REACH                           | RoHS2.0 | NO. | CONTENT                                                                | DATE       |
|              | 保密等级(秘密)         | 符合 OHSF 1-008-001<br>有毒有害物质管控标准 |         |     |                                                                        |            |
| 图            | M<br>E<br>N<br>D | △                               | △       | △   | 鑫联(宁波)塑胶有限公司; 宁波塑胶模具; 足量开牙前变硬; 需做低熔点处理或涂漆; PVC 手套指头寸调整;                | 2024-03-12 |
|              |                  | △                               | △       | △   | 增加无孔无牙部分尺寸管控; 喷粉内表面管控; 完善背光源高度描述; 增加无孔无牙部分尺寸标注; 需做耐高温处理; 14孔,黑色龙纹加无齿型; | 2024-04-03 |
|              |                  | △                               | △       | △   | 提升模具成型变型; 喷粉工艺与设备; 14孔齿体变型; 磨粒角度完善;                                    | 2024-04-22 |
|              |                  | △                               | △       | △   | PVC龙纹和磨粒尺寸标注; 增加无孔无牙部分尺寸标注; 背光源片规格标注; 背光源片升级标注;                        | 2024-06-14 |
|              |                  | △                               | △       | △   | 背光源齿尖为压阵; 石磨片类型喷粉外形修改                                                  | 2024-08-26 |

| 65 | CND  | 2nd CND    |
|----|------|------------|
| 1  | 120K | 120K       |
| 2  | 137  | NC         |
| 3  | 138  | 138 (401)  |
| 4  | 139  | NC         |
| 5  | 100  | 77 NC      |
| 6  | 100  | 100K-(401) |
| 6  | 100K | 120, 120   |
| 7  | 140  | 140, 145   |
| 8  | 140  | 140, 145   |
| 9  | 140  | 140, 145   |
| 10 | 140  | 140, 145   |
| 11 | 140  | 140, 145   |
| 12 | 140  | 140, 145   |
| 13 | 140  | 140, 145   |
| 14 | 140  | 140, 145   |
| 15 | 140  | 140, 145   |
| 16 | 140  | 140, 145   |
| 17 | 140  | 140, 145   |
| 18 | 140  | 140, 145   |
| 19 | 140  | 140, 145   |
| 20 | 140  | 140, 145   |
| 21 | 140  | 140, 145   |
| 22 | 140  | 140, 145   |
| 23 | 140  | 140, 145   |
| 24 | 140  | 140, 145   |
| 25 | 140  | 140, 145   |
| 26 | 140  | 140, 145   |
| 27 | 140  | 140, 145   |
| 28 | 140  | 140, 145   |
| 29 | 140  | 140, 145   |
| 30 | 140  | 140, 145   |
| 31 | 140  | 140, 145   |
| 32 | 140  | 140, 145   |
| 33 | 140  | 140, 145   |
| 34 | 140  | 140, 145   |
| 35 | 140  | 140, 145   |
| 36 | 140  | 140, 145   |
| 37 | 140  | 140, 145   |
| 38 | 140  | 140, 145   |
| 39 | 140  | 140, 145   |
| 40 | 140  | 140, 145   |
| 41 | 140  | 140, 145   |
| 42 | 140  | 140, 145   |
| 43 | 140  | 140, 145   |
| 44 | 140  | 140, 145   |
| 45 | 140  | 140, 145   |
| 46 | 140  | 140, 145   |
| 47 | 140  | 140, 145   |
| 48 | 140  | 140, 145   |
| 49 | 140  | 140, 145   |
| 50 | 140  | 140, 145   |
| 51 | 140  | 140, 145   |
| 52 | 140  | 140, 145   |
| 53 | 140  | 140, 145   |
| 54 | 140  | 140, 145   |
| 55 | 140  | 140, 145   |
| 56 | 140  | 140, 145   |
| 57 | 140  | 140, 145   |
| 58 | 140  | 140, 145   |
| 59 | 140  | 140, 145   |
| 60 | 140  | 140, 145   |
| 61 | 140  | 140, 145   |
| 62 | 140  | 140, 145   |
| 63 | 140  | 140, 145   |
| 64 | 140  | 140, 145   |
| 65 | 140  | 140, 145   |

|    |                    |    |                  |
|----|--------------------|----|------------------|
| 31 | VBUS               | 32 | VBUS             |
| 1  | VBAT               | 30 | VBUS             |
| 2  | VBAT               | 29 | VBUS             |
| 3  | VIFR               | 28 | GND              |
| 4  | SPK_EN/SCL         | 27 | CC1              |
| 5  | FW_L33, EN(4G)/RMR | 26 | CC2              |
| 6  | GND                | 25 | DP               |
| 7  | RFCTL1             | 24 | DM               |
| 8  | VIELD30            | 23 | GND              |
| 9  | RFCTL0             | 22 | HF_DET           |
| 10 | SAR2(SG)           | 21 | XMICP            |
| 11 | SAR1(SG)           | 20 | AI_REF/FM_P      |
| 12 | GND                | 19 | FM_N(4G)         |
| 13 | MICN(4G)           | 18 | HP1              |
| 14 | MICP               | 17 | SP5S28/DMC_3(4G) |
| 15 | MICBLAS(4G)        | 16 | HPK              |
| 33 | GND                | 34 | GND              |



1. CM NOTES:
- 1.1. Display Mode: 6.67", a-Si TFT LCD, 16.7M Colors, Incell, With CG
- 1.2. Display Mode: Negative Mode Normal Black
- 1.3. Viewing Direction: 45° Left Direction
- 1.4. LCD-DE BV0678Q-115 Driver IC: 豪特TP1460-B0
- 1.5. OPT. Need: Vcom Register 0704070: gsmma: 2.2-2.0, 2.3(2片): 2.2-2.0 (3片) flicker <=30dB, Crosstalk<3%; CONTRAST Ratio: 1500(TYP) 1000(MIN)
- 1.6. DC Characteristics: AVDD: +6.0V AEAV: +6.0V VDDIO: 1.8V
- 1.7. Back Light: 18 LED, 20mA(TYP), 2.7-2.9V (典型功耗), 16-21.4V
- 1.8. Optical Spec:
- Chromaticity Coordinate : x=0.295±0.02, y=0.305±0.02, 需按实际的测试值进行修正
- Brightness (central point) : 430 cd/m<sup>2</sup>(Min) 480 cd/m<sup>2</sup>(Typ) with CG
2. Surface treatment: 中心亮度的平均值不低于典型值(需按典型值全测)
- NTSC: 68(MIN) 72(TYP)
- Uniformity: 80%(Min) 85%(TYP), 9点
3. FPC Connector Type: I-CON: J161 J162 J20000431-T JAE: TP2506-P060V43
4. LCD Light Guide: V-CUT 透光率规格参照80min (宽度法测试), LCD与FPC胶框贴合率规格参照100min (百分法测试)
11. LCM warp is <= 0.25MM (C边翘曲)
12. 正面保护膜要求防刮伤, 膜表面峰值电压<500V, 表面阻抗要求: 10<sup>9</sup>~11欧姆.
13. MIP1为负压驱动模式100Hz
14. Operating Temp: -20° C To 70° C ;Storage Temp: -40° C To 80° C
15. 符合存储、不使用时用保护膜封贴
16. 标有C为C型管型尺寸,"s"为点尺寸, "带标头为90Q规格尺寸( )"为参考尺寸(Undeclared Length): 0.2mm
17. FOG规格: 83-46760-1482B
1. G1材质: 康宁玻璃M228 2.5D 2.0-7.0mm
2. 强化处理: CS>700MPa TSL D50 CT-67MPa
3. 表面硬度: >7H (1000g); 盖板四周倒角: 抛光单边<0.015mm, 放大100倍检验无显著砂粒及裂纹;
4. 透光率: 92% (450nm~700nm) 90% (400nm~750nm) 91.5% (380nm~780nm) 92.5% (350nm~800nm) 折射率: 1.51
5. 小圆冲击: 130g, 20次/点/点阵视区中心点四周4次无破损, 能量: 50.26J (每VAI210mmx2)
6. 油斑测试: X484P >6500psi (上痒跑20000/400, 四吋直径表皮, 下痒速1200/min/Min)
7. 油斑要求: 油斑区域覆盖率(60%, 95RH, 240H) 4次表皮 <40 (100%, 30min) 上下主体油斑百格 >48
8. 0缺陷: 0缺陷=0
9. 油斑测试法: 每点油斑任意位置100mmx100mm的测试值>1000次缺陷 (确认为24V ESD测试时) 油斑厚度≤15um
10. 全粘合模压测试: CG底面油斑表面测试因值>34dynes (德国Arcotest 达因笔, 酒精擦拭5不收缩) A粘合面视区因值>32dynes
11. CG加工工艺: 钢化后上压(即, 玻璃表面需白磨)测试
12. 翘曲率/平弯率: <5%, 平弯<1
13. Ink thickness 15um max, ink can't fall off after finishing high temperature and humidity
14. Adhesion test 24H: Scratch Hardness >1H (750%), 判定标准为油墨不脱落;
15. IRI测试: 油墨厚度合格, 透光率测试合格, 光照90°
16. 煮水后后功能孔通过率符合规格
17. 煮水后透光率满足在终端准准片的测试范围内 (上下标准准片由终端提供)
18. 特殊要求: 表面AF处理, 初始水雾角度>110°, 使用H0000H判定, 压力1kg, 压力面积10cmx10cm, 移动距离约2cm, 测试速度 60cycles/min, 速度 200cycles (来回算1 cycle), 试验至水滴>100
19. 操作存储温度: 储存: -30°C~70°C, 10%RH; 运输: -40°C~80°C, 40%~65RH
20. 标注说明: 标注尺寸为主要管控; CPK≥1.3; 单位: CPK≥1.0混合单位, 单位参考尺寸: 1. 未注公差尺寸: 2. 0, 1.0, 0.25, 0.125; 球标符号:
21. 环保要求: 符合客户传言 (不使用有害物质协议)

Customer approve

**DJN 帝晶光电** DJN OPTRONICS TECHNOLOGY CO., LTD

|               |                                                                                            |         |         |          |
|---------------|--------------------------------------------------------------------------------------------|---------|---------|----------|
| Model No      | 9E-3M067-1482B                                                                             | Part No | SZA5859 |          |
| Drawing Title | 盲孔成品                                                                                       | Drawn   | 罗珊      | A5       |
| Drawing No    | D-RD-361-23                                                                                | Checked | 周家乾     | Unit MM  |
| Scale 1:1     | 第三视角  | Approve | 唐锐      | Page 1/1 |

A

4