

D

C

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A

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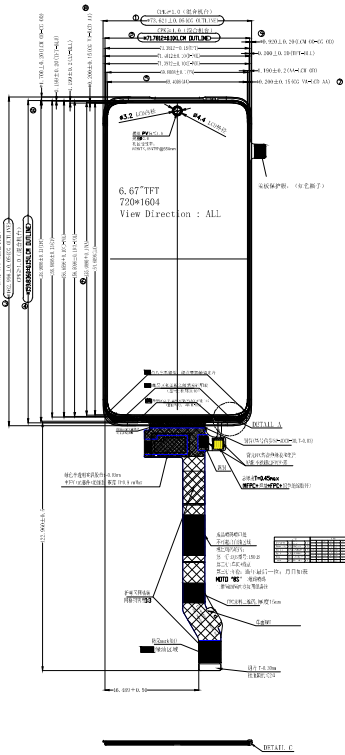
B

A

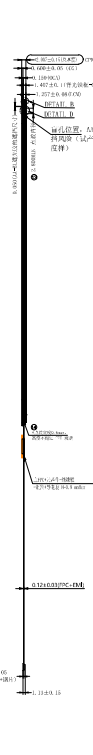
丝印效果图



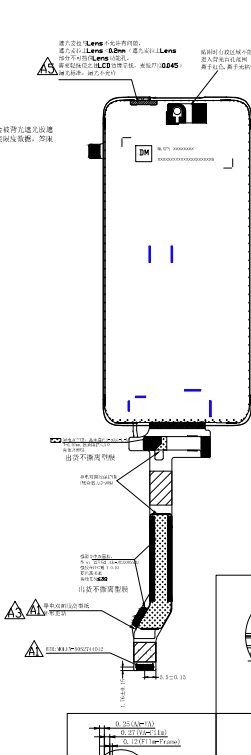
主视图



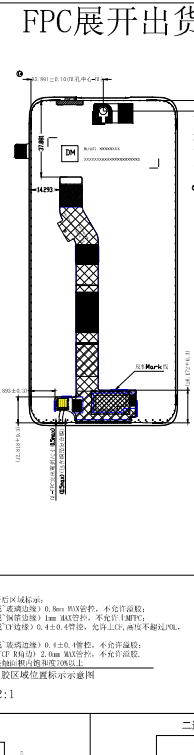
侧视图



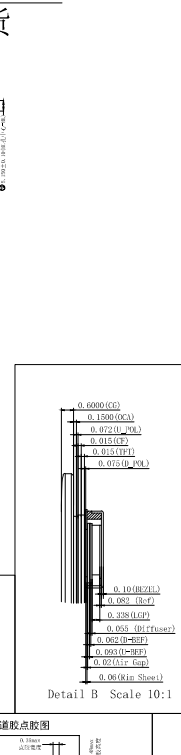
背视图



FPC预弯折示意图



FPC展开出货



PIX	SYMBOL
1	GND1
2	SCLK
3	MOSI
4	MISO
5	CS
6	GND2
7	TP_RESET
8	NC1
9	NC2
10	TP_INT
11	NC3
12	LED_C3
13	LED_C2
14	LED_C1
15	LED_A
16	NC
17	NC
18	VSIN=-6V
19	VSIP=6V
20	NC
21	IQVCC
22	LQM_RESET
23	TE
24	PWM
25	GND3
26	D2_P
27	D2_N
28	GND4
29	D1_P
30	D1_N
31	GND5
32	CLK_P
33	CLK_N
34	GND6
35	D0_P
36	D0_N
37	GND7
38	D3_P
39	D3_N
40	GND8

- LCI Notes:
- Display Type: 6.67" HD+, TFT/a-Si, DISPLAY MODE: Normal Black;
 - LCD: DM6670L1-1; Driver IC: TD4160;
 - Backlight: 18 Chip-White LED (蓝色线), 653P;
 - Luminance (with CG): 800cd/m2 (Typ.), 670cd/m2 (Min); 10=21ml/LHD, 2.8Vtyp 3.0Vmax;
 - White (a', u', v'): a' = 0.1943; u' = 0.4604 (CIE 1976); Suv = max 0.20, huw = 0.360; Suv = max 0.25, huw = 225 ±45; x: 0.302 ±0.02; y: 0.318 ±0.02;
 - Viewing Angle L/R/U/D: 80/80/80/80° (CR10); Contrast Ratio: 1000min 1500 typ; NTSC Min 78%, Typ: 80% (CIE 1931), 均匀性: 80% min 85% typ 按25点测试;
 - General Tolerance: ±0.20;
 - Unless Otherwise Specified Tolerance of Radius: ±0.3;
 - Connector Type: 40Pin BTD型号: MOLEX-6052741012;
 - Interface Type: Wipi 4Line;
 - CPK Control Dimension: CPK ≥ 1.0; 带序号的为全测尺寸; *单点尺寸; () 参考尺寸; Inspection: () Reference Dimension;
 - Flatness ≤ 0.3mm;
 - Recommended Cellphone Window Size: 0.2mm from LCD A.A;
 - 建议整机机壳与模组是计 0.3mm Min;
 - AP Coating on CG front surface;
 - LCD outline 长度方向测量左/右 2 点; 宽度方向测量上/中/下 3 点; 厚度方向测量 5 点;
 - MIPPIE抗: 100 ±10.0; 采用化镍金表面处理工艺, 镍材为软镍, 镍厚 2.5~6um, 金厚 0.05~0.11um;
 - OTF涂层内容: 个绕涂;
 - CG 保护膜膜厚 ≤ 500μ;
 - Flicker: < 28dB (max); 18% Gamma; 2.2 ± 0.2 (试产); 2.2 ± 0.3 (量产); Crosstalk: 2% (max);
 - ESD (静电): 接触 ±45V, 25℃ ±5%;
 - 符合RoHS2.0/Reach HF要求, 环保要求为 I 级 (无卤阻燃环保) eW18 Specification (V6)文件
 - OPERATING TEMP: -20° C~70° C; STORAGE TEMP: -40° C~80° C;

- CG技术参数:
- 反射0.6mm厚度 材质: 康宁G3 表面硬度≥8H(750g), VA透射率≥91%; 光谱系数31.9, 折射率1.51, 雾度≤1%;
 - CS≥750μm, DOL≥35um, CI≤75μm; 4H≥600μm (测试跨距20/40um, 压轴直径6mm速度10mm/min);
 - 丝印要求: 膜层厚度测量总厚度≤18um, 刮墨边缘不可测量, 油墨刮除率不低于100%; 底色区域不可透光, 油墨区域表面粗糙度≤0.03μm(0.00125in); 用30号达因笔复测, 用30号达因笔复测, 如果收缩率≤30%, 在相同位置用酒精清洗后, 用30号达因笔复测, ≥30% (测酒精拭后), 用30号达因笔复测2cm, 收缩率≤20%, 判定OK, 收缩率≥20%, 直接判定NG;
 - 印刷油墨区域表面粗糙度≤0.03μm(0.00125in);
 - Back Ink adhesion: ≥10 (百格测试, 以丝印在白底上一个大面积刮百格为准); 油墨区域表面附着力≥10, 10mm时剥离面积大于1000mm, 油墨CPK≥5.0;
 - 不可有刮伤或异物, 请注意洁净度, 打样阶段外形尺寸按下表管控, 量产按正常管控;
 - 落漆条件: 432mm/130g 钢球, 高度10cm, 冲击9个点 (按照图A区范围内0mm测试), 每点冲击1次;
 - PCB弯曲度≤0.30mm;
 - CG不可有白点;
 - CG底片位需做处理;
 - 底片AF, AF coating在CG表面, 均摩擦系数≤0.05, 初始打面水角≥110°, 油墨角≥65°, 耐摩擦测试后水角≥100° (用耐摩擦 00000 钢丝绒蘸加1g/L在AP膜层上面擦2500cycles (1个来回算两次), 摩擦速度: 600cycle/min, 摩擦行程: 25mm)

Customer approve		DYN 帝晶光电 DYN OPTONICS TECHNOLOGY CO., LTD.			
Model No	9E-3M067-1504B	Part No	SZA6257		
Drawing Title	盲孔成品	Drawn	彭慧琼	A7	
Drawing No	D-RD-104-24	Checked	周家乾	Unit MM	
Scale 1:1	第三视角	Approve	唐锐	Page 1/1	