符合客户环保要求	符合《MSP-L-008-001 有毒有害物质管控标准》	无卤	REACH	RoHS

保密等级(秘密)

NO.		CONTENT	DATE
AMEND	A0	NEW	20240902
	A1	1.按客户要求更改保护膜把手为 2.0MM，且为透明； 2.TP按键图案按客户要求更改；3.TP按键透过率按客户要求 30%±5% 管控；4.按实测更改绿色坐标范围和背光电压范围；5.更改TP PIN定义和 IC型号；6.客户料号版本改为 02；	20250328
	A2	TP按键透过率增加管控规格；成品喷码按客户要求增加CTP内容	20250714
	A3	客户要求变更 TP正面保护膜为三层膜	20251203
	A4		

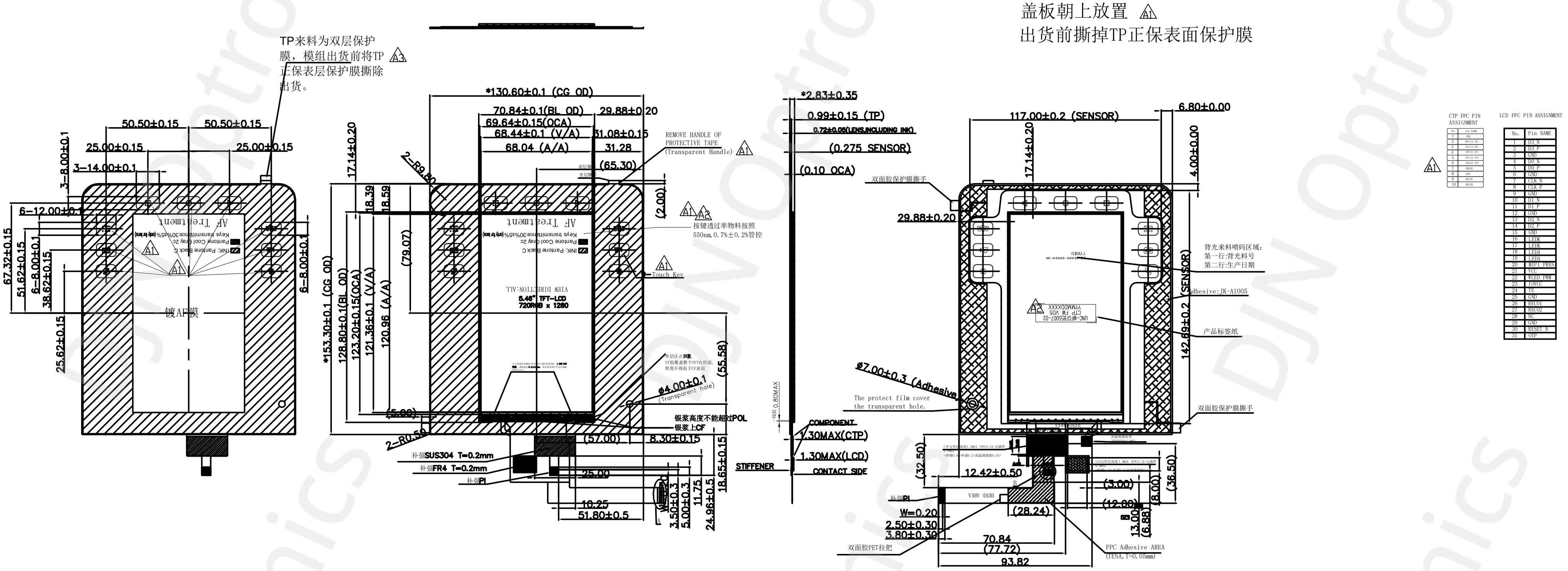
CTP单体丝印效果图
和来料示意图

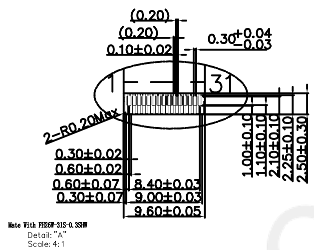
正视图

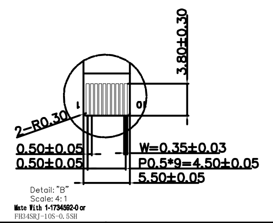
侧视图

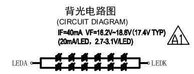
背视图
FPC不弯折出货
共用TP吸塑
盖板朝上放置 (A1)
出货前撕掉TP正保表面保护膜

TP来料为双层保护膜，模组出货前将TP正保表层保护膜撕除出货。(A3)









TLCM 堆叠结构
(CTP:GFF结构)

LENS (T=0.7MM)
OCA (T=0.125MM)
ITO FILM (T=0.05MM)
OCA (T=0.05MM)
ITO FILM (T=0.05MM)
全贴OCA (T=0.1MM)
LCM (T=1.74MM)

LCD_RECO1	LCD_RECO2	CTP_RECO1	CTP_RECO2	I2C Address	Supplier
VCC	VCC	GND	GND	0x24	4

产品标签内容：

TP版本号 (A2)
UNC-MFGF855007-02 — 客户料号、固定 (A1)
CTP FW V05
YYMMDDXXXX — YYMMDD:年月日(变动)、XXXX:流水码

产品标签由于模组背面

半成品料号:
83-05531-7169A

Notes: (A1)
1. LCD Display Type: 5.46" TFT LCD, Transmissive, Normally Black
LCD No: F055A15-401
2. LCD Driver IC: ST7703-V1-G5-D
CTP Driver IC: TMA545-48LQI36ZZAT
3. Viewing ANGLE: 75/75/75/75 deg MIN, 80/80/80/80 deg TYP(U/D/L/R @ C/R>10)
4. TFT SUPPORTS DUAL-SCAN
5. Operating Temperature: -5°C ~ 50°C
(IN THE OPERATING TEMPERATURE RANGE,FUNCTION BE NOT FAILURE)
Storage Temperature: -25°C ~ 70°C
6. Black Light: 12 Chip White LEDs ; Lifetime (half brightness) : 30000hr(MIN);
IF=40mA VF=16.2VMIN~17.4V TYP~18.6VMAX
7. TLCM Brightness: 300cd/m²(MIN), 400cd/m2 (TYP)
Color Chromaticity: X: 0.310±0.05, Y: 0.330±0.05 (White)
X: 0.655±0.05, Y: 0.320±0.05 (Red)
X: 0.320±0.05, Y: 0.590±0.05 (Green)
X: 0.139±0.05, Y: 0.091±0.05 (Blue)
Uiformity: 75%(MIN), 80%(TYP)
8. THE CHASSIS GULE FOUR SIDES OF CTP.
9. ( )MEANS: DIMENSION FOR REFERENCE.
10. THE GAP BETWEEN BACK OF THE MODULE AND CHASSIS IS SUGGESTED TO BE OVER 0.3MM.
11. RECOMMEND CONNECTOR, LCD: FH26W-31S-0.3SHW
CTP: 1-1734592-0 or FH34SRJ-10S-0.5SH
12. VCC=3.3V IOVCC=1.8V
13. Cover lens hardness: ≥ 7H(750gf);
14. 盖板表面AF处理，初始水滴角度≥110°，使用#0000號鋼絲絨摩擦後2000次後水滴角度≥100°;
15. 翘曲度≤0.3mm;

Customer approve	DJN 帝晶光电 DJN OPTRONICS TECHNOLOGY CO., LTD.				
	Model No	98-23055-7169A	Part No	SZA5522	
	Drawing Title	全贴合成品	Drawn	彭伟峰	A3
	Drawing No	D-RD-172-24	Checked	唐锐	Unit MM
	Scale 1:1	第三视角	Approve	金飞	Page 1/1