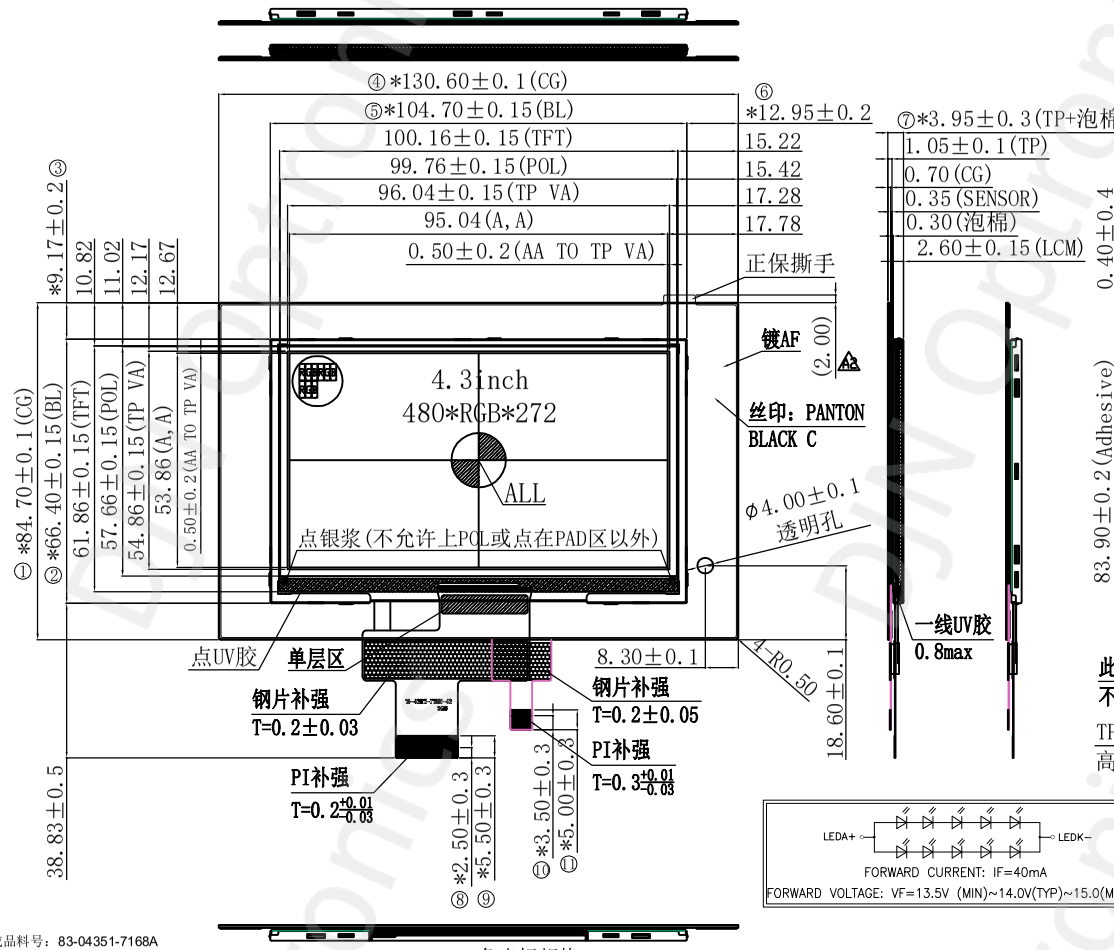
由 Autodesk 教育版产品制作

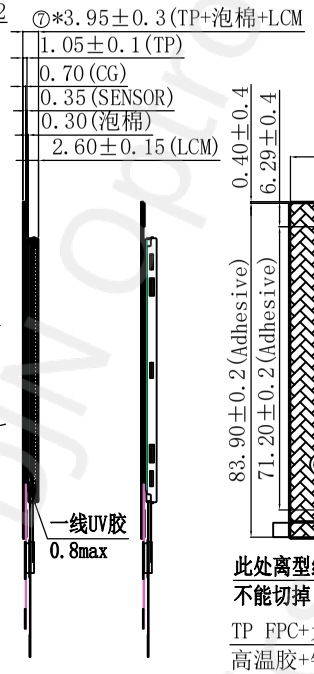
符合客户环保要求 REACH RoHS 保密等级(秘密)

NO.		CONTENT	DATE
AMEND	A0	NEW	20240822
	A1	更新尺寸标注，更新RGB坐标，其它不变	20241017
	A2	1.按客户要求更改保护镜把手为2.0Mm，且为透明; 2.更新B坐标值; 3.客户料号版本升级为02;	20250328
	A3		
	A4		

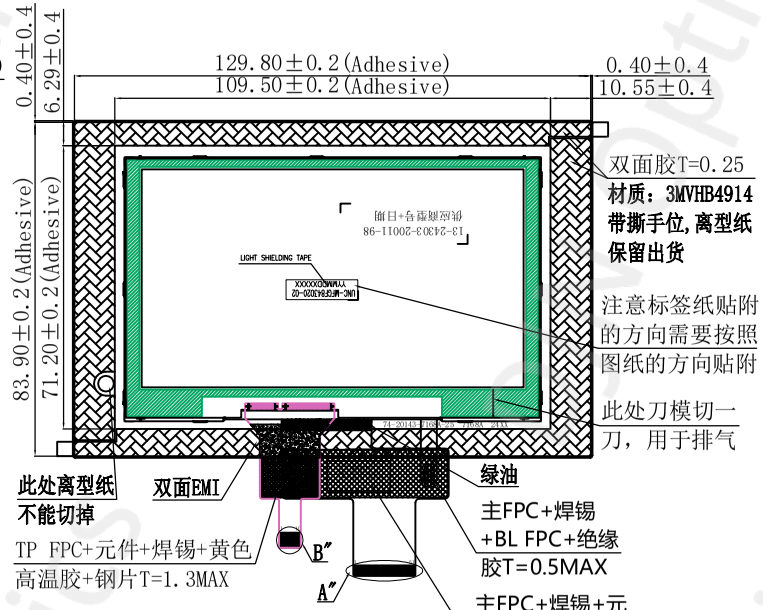
正视图



侧视图



背视图



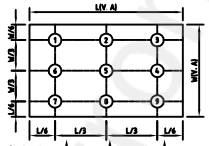
PIN	SYMBOL	PIN	SYMBOL
1	VLED-	27	G2
2	VLED-	28	G3
3	VLED+	29	G4
4	VLED+	30	G5
5	VCC	31	G6
6	VCC	32	G7
7	NC	33	GND
8	NC_VPP	34	B0
9	SPCK	35	B1
10	SPDA	36	B2
11	SPENA	37	B3
12	NC	38	B4
13	GND	39	B5
14	CLK	40	B6
15	GND	41	B7
16	R0	42	GND
17	R1	43	DEN
18	R2	44	GND
19	R3	45	HSYNC
20	R4	46	VSYNC
21	R5	47	GND
22	R6	48	LCD_REC03_LPW_N
23	R7	49	RESET_N
24	GND	50	LCD_REC01
25	G0	51	LCD_REC02
26	G1		

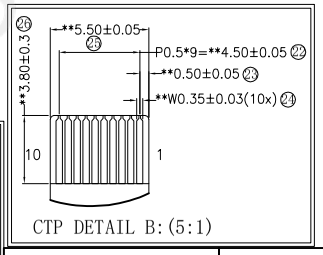
CTP PIN ASSIGNMENT:

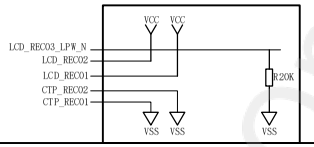
PIN	NAME
1	GND
2	RST
3	VCC
4	INT
5	SCL
6	SDA
7	GND
8	GND
9	REC01
10	REC02

FPC展开出货

测试点位置图







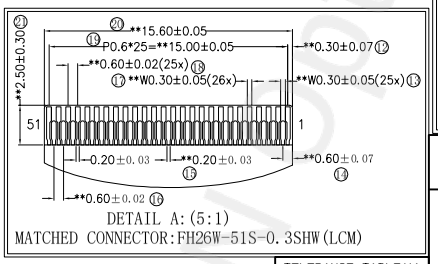
半成品料号：83-04351-7168A

11. TLCM色坐标规格

Color Chromaticity		MIN	TYP	MAX	
R	X	0.584	0.634	0.684	A1
	Y	0.250	0.300	0.350	
G	X	0.287	0.337	0.387	
	Y	0.558	0.608	0.658	
B	X	0.102	0.152	0.202	A2
	Y	0.075	0.125	0.175	
W	X	0.270	0.320	0.370	
	Y	0.280	0.330	0.380	

Notes:

1. LCD Display Type: 4.3" GV043WQQ-N10
TFT LCD, Transmissive, Normally Black,
2. LCD Driver IC: ILI6485D-B0T5061,VCC=3.3V
CTP IC: ST1633I,IIC Address：0X70
Interface type：24-bit parallel RGB + 3-wire SPI
3. Operating Temperature: -20°C ~ 70°C
Storage Temperature: -30°C ~ 80°C
4. Black Light: 10 Chip LEDs IF=40mA VF=14V(TYP),BL LED life time ≥30000H;
5. TLCM Brightness: 460cd/m²(MIN), 550cd/m2 (TYP) ,
BLU Uiformity: 9points(80%min)
NTSC：45%(min),60%(typ); CR：800（MIN）,1000(TYP)
View angel：80/80/80/80 （MIN）
6.FLICKER:≤-30db MAX(purple、green)
7. ( )MEANS: DIMENSION FOR REFERENCE.
8. THE GAP BETWEEN BACK OF THE MODULE AND CHASSIS IS SUGGESTED TO BE OVER 0.3MM.
9. CTP:G+F+F,
10. 盖板材质：化钢，lens，0.7mm，表面AF，表面硬度≥6H,CS≥550Mpa，CT≥10un,翘曲度≤0.30MM
CTP Method:Bare finger, minimum touch diameter: 7mm Number of simultaneous touches:2or more



TOLERANCE TABLE(±)

DIMENSION	mm±0.05	mm±0.1	mm±0.2	mm±0.5
L≤6	0.05	0.1	0.2	0.5
6<L≤30	0.1	0.15	0.2	0.25
30<L≤100	0.15	0.2	0.25	0.3
100<L≤200	0.2	0.25	0.3	0.5
200<L	0.25	0.3	0.5	0.8

UNLESS OTHERWISE SPECIFIED

Customer approve

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

Model No	98-21043-7168A	Part No	SZA5521	
Drawing Title	全贴合成品	Drawn	王琬琳	A2
Drawing No	D-RD-170-24	Checked	吕奇	Unit MM
Scale 1:1	第三视角	Approve	李丹丹	Page 1/1

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