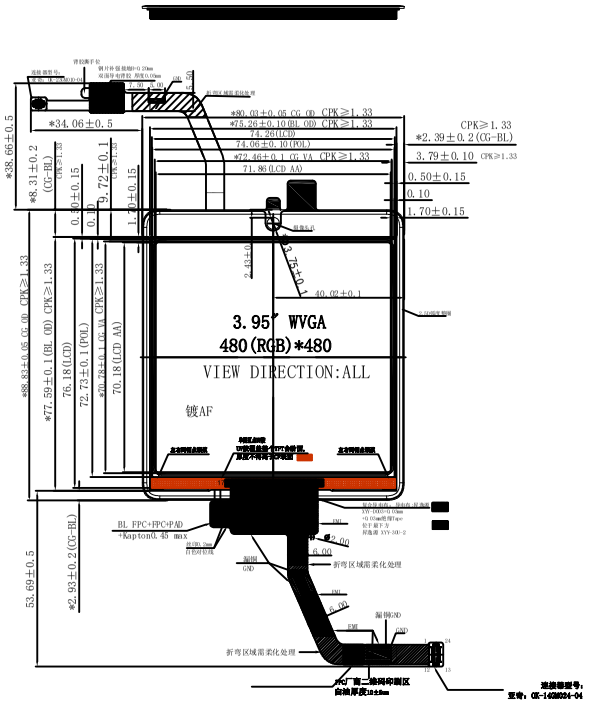
由 Autodesk 教育版产品制作

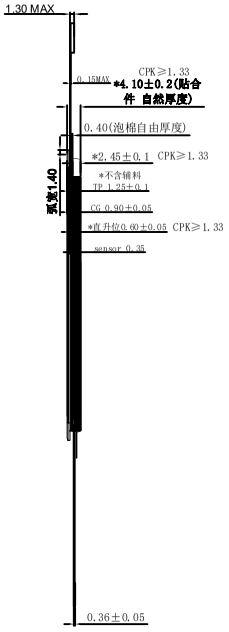
符合客户环保要求	无卤	REACH	RoHS2.0
保密等级(秘密)		符合《MSP-L-008-001 有毒有害物质管控标准》	

NO.		CONTENT	DATE
MEND	A1	NEW	2023-10-23
	A2	BL嘴码为黑色；FPC金手指正反面达因值管控更新	2023-12-22
	A3		
	A4		

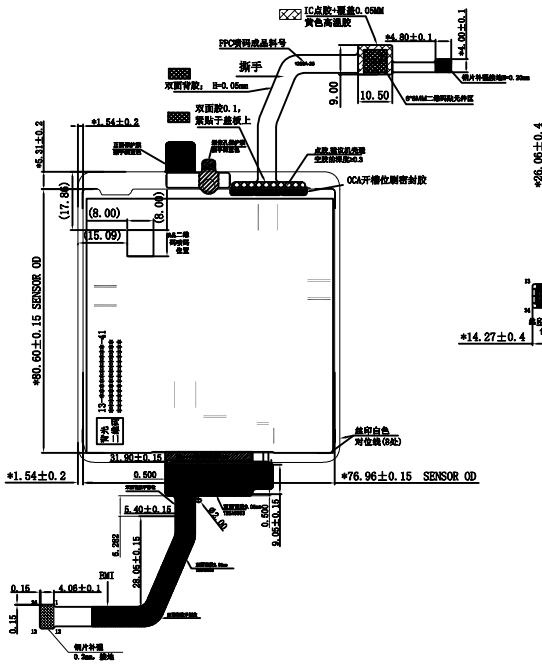
正面视图



侧面视图

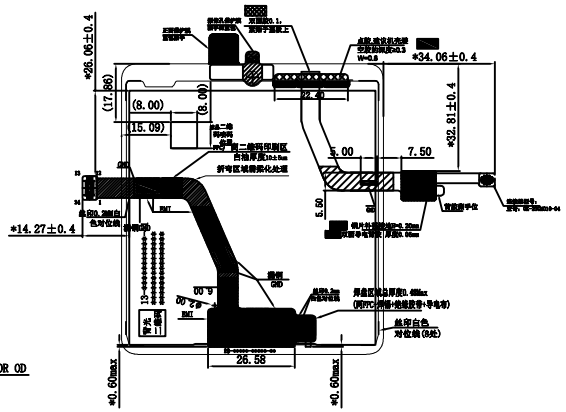


背面视图



背面视图

FPC 展开示意图
FPC弯折出货
贴合件盖板面朝下放置



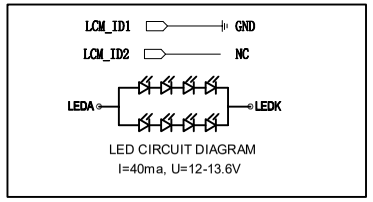
TP 接口定义

Pin No.	Assignment
1	TP_SCL
2	TP_SDA
3	GND
4	EXT3
5	EXT2
6	EXT2_OUT
7	EXT3_OUT
8	VDD2V8-TP
9	TP_RST
10	TP_ETNT

内部线路短接一起
内部线路短接一起

LCM接口定义

	ID2	1
	VDD2V8	2
	VDD1V8	3
	ID1	4
	LCM_RST	5
	LCM_TE	6
	GND	7
内部线路短接一起 (静与环境形成线路)	TAMPERA_LCD	8
	TAMPERB_LCD	9
	NC	10
内部线路短接一起 (静与受触形成线路)	TAMPERA_IN	11
	TAMPERB_IN	12
	LEDA	13
	LEDK	14
	GND	15
	MIPI_DN0	16
	MIPI_DP0	17
	GND	18
	MIPI_CLKN	19
	MIPI_CLKP	20
	GND	21
	MIPI_DN1	22
	MIPI_DP1	23
	GND	24



NOTES:
1. Display:HSD 3.95″ 480*480 (ips);
2. Driver IC:GC9503C;
3. STORAGE TEMPERATURE:-30° C TO 80° C;
   OPERATING TEMPERATURE:-20° C TO 70° C;
4. Model luminace(透过TP): 250MIN Cd/M2 300TYP Cd/M2 (20mA/LED)
   CHROMATICITY COORDINATE: x=0.295±0.03, y=0.315±0.03, 均匀性≥80%
   NTSC:60% MIN,65% TYP; CCT:7500(typ);
   flicker<18%(-30db);
   gamma曲线满足要求；一般为2.2+/-0.2;
   Cross talk≤4%;
5. OPERATING TEMPERATURE: -20° C TO 70° C
   STORAGE TEMPERATURE: -30° C TO 80° C
6. 阻抗匹配:MIPI，阻抗匹配100ohm+/-10%
7. TAMPERA信号 走线注意跟MIPI信号同一层
8. 整机静电:接触8KV,空气12kv
9. "*" CRITICAL DIMENSION;() REFERENCE DIMENSION;
10. RECOMMENDED CELLPHONE WINDOW SIZE:0.3mm FROM LCD A.A AREA ;
11. LCD warp is ≦ 0.3;
12. 符合一级环境禁用管理物质。
13. FOG料号:83-24024-7062A

技术参数:
1. CG材质：熊猫高铝硅/2.5D,T=0.9mm，硬度>8H/1kgf，DOL≥35um，CS≥650Mpa,
2. 结构：GFF；IC型号：CF1124
3. 翘曲度≤0.15mm.
4. 视窗透过率≥85%.
5. 四点弯曲试验 ；上跨距20mm，下跨距40mm，按压速度10mm/min,4PB≥450Mpa
6. CG表面油墨达因值≥34(底层采用亚光油墨)印刷油墨为绝缘油墨(油墨厚度15 um MAX)，绝缘阻抗200MΩ以上,油墨OD值:黑色≥5
7. 钢球落下试验的规格:
   高度15cm，视窗区域重量130g钢球，视窗区5点,各跌落1次不碎;
8. TP SCL/SDA信号走在TAMPERA信号相邻层（TAMPERA 绕线要覆盖TP的I2C信号）
9. 未注公差尺寸为±0.2mm;带［ ］为重点尺寸; * Cpk管控尺寸,CPK≥1.33,( )为参考尺寸,
"△"为更改记录:

Customer approve	DJN 帝晶光电 DJN OPTRONICS TECHNOLOGY CO., LTD				
	Model No	98-21040-7062A	Part No	SZA5565	
	Drawing Title	全贴合成品	Drawn	方兵	A1
	Drawing No	D-RD-296-23	Checked	周家乾	Unit MM
	Scale 1:1	第三视角	Approve	李丹丹	Page 1/1

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