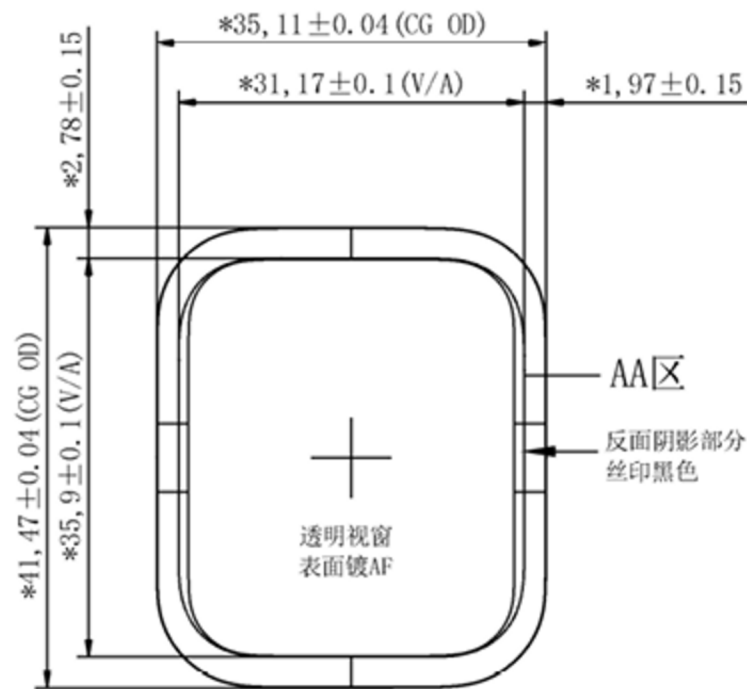
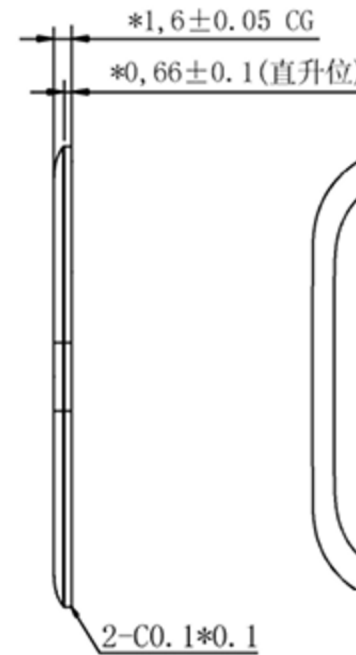


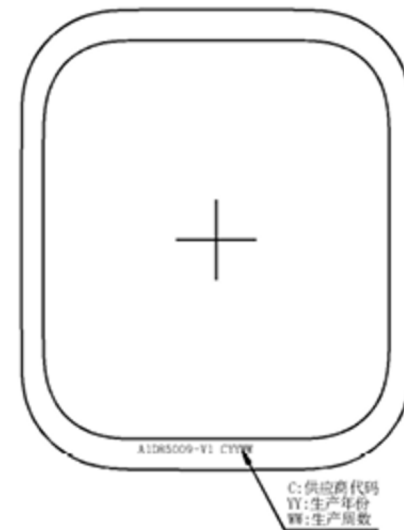
正视图



侧视图

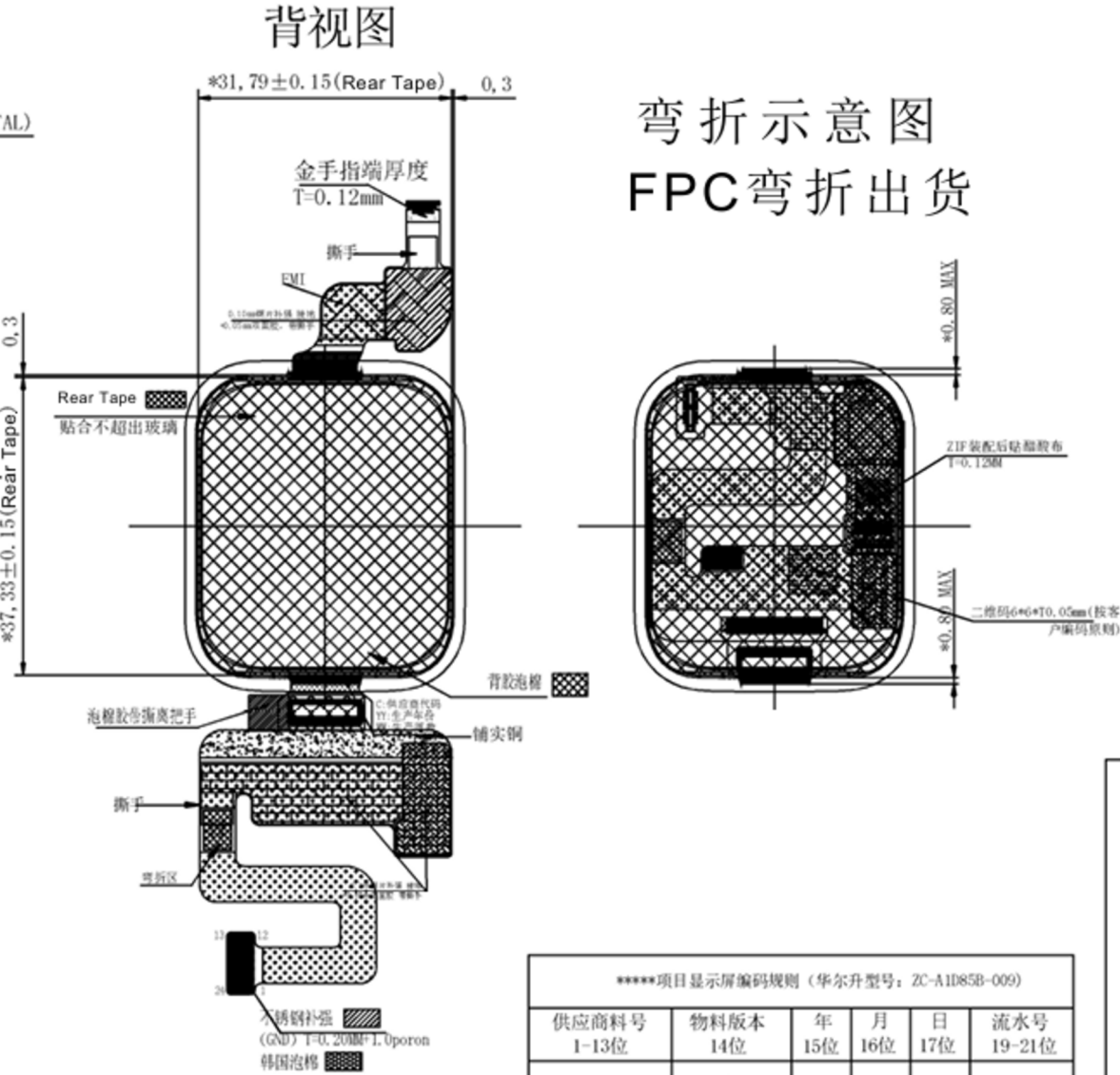
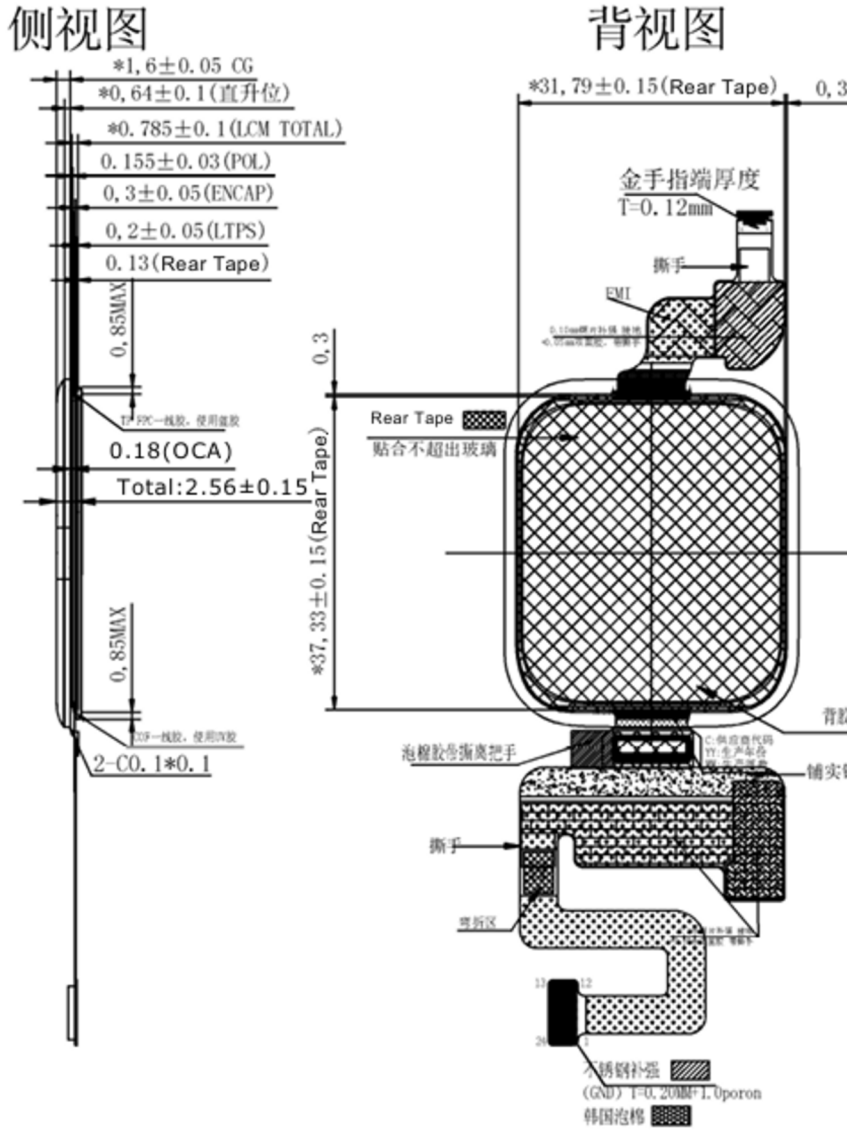
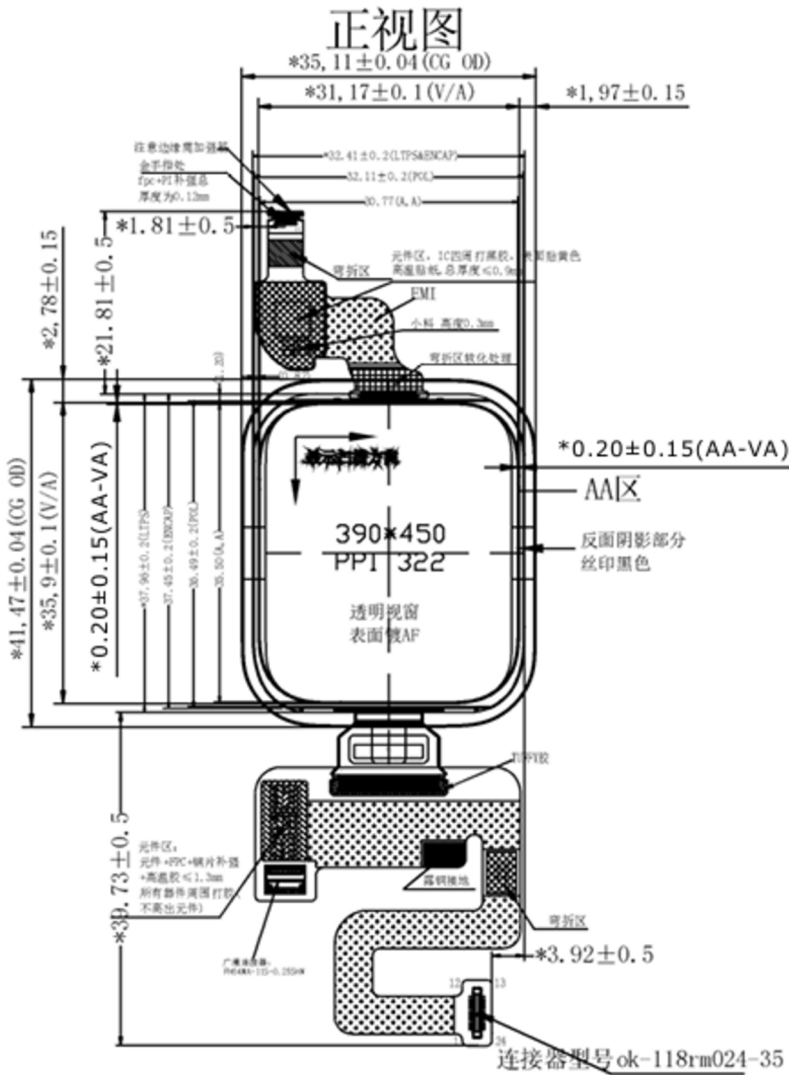


背视图

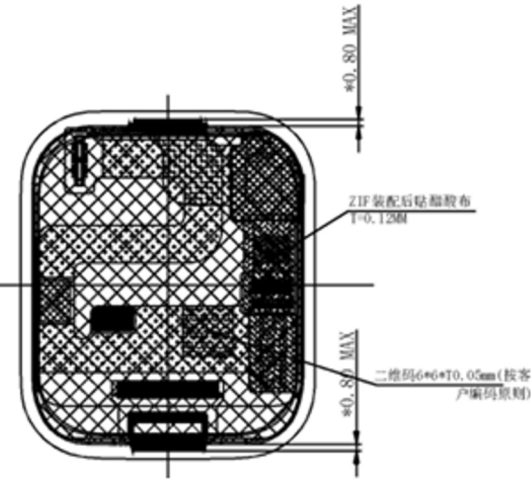


- 1、VA区透光率 $\geq 87\%$;
- 2、CG材质, 熊猫玻璃1.6mm/表面硬度 $\geq 7H$ (750g);
- 3、达因值, CG背面达因能 $\geq 34\text{dyn}$, (CG油墨面、Film非ITO面), 达因笔品牌 Arcotest;
- 4、强化条件, 强化深度DOL $\geq 35\mu\text{m}$, 表面应力CS $\geq 700\text{Mpa}$, 四周弯曲 $\geq 700\text{Mpa}$ 光弹系数: 27.5;
- 5、钢球冲击能量, 64g钢球, 35cm(0.2j)高度V.A.中心点3次, 无破损;
- 6、工作温度, $-20^{\circ} \sim +70^{\circ}$ / 存储温度, $-30^{\circ} \sim +80^{\circ}$;
- 7、翘曲度 $\leq 0.2\%$ / 油墨, BLACK INK图层为黑色印刷; 油墨任意位置10mm两点之间阻值大于1000兆欧;
- 8、贴合角度偏差 $\pm 0.8^{\circ}$, 位置公差 $\leq 0.15\text{mm}$;
- 9、所有的材料符合ROHS2.0和无卤标准;
- 10、保护膜不残胶, 不掉尘, 易贴附无气泡, 防静电值介于10-11;
- 11、未标注的公差 $\pm 0.10\text{mm}$, 带“*”为CPK重点管控尺寸 CPK ≥ 1.33 , 未注倒边C=0.1 $\pm 0.1\text{mm}$;
- 12、LENS表面AF要求, 擦拭前水滴角 $\geq 110^{\circ}$, 擦拭后水滴角 $\geq 100^{\circ}$ 擦拭后水滴角 $\geq 100^{\circ}$ S级标准, 钢丝绒摩擦2000个循环(1Kg的力)。

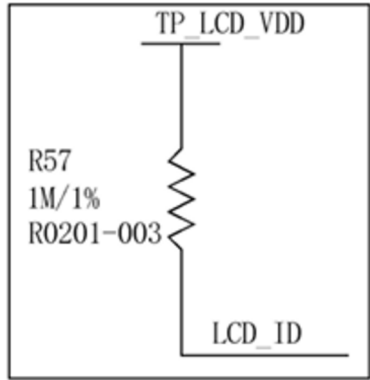
 思澈科技 思澈科技					DRAWING TITLE:		盖板	
					DRAWING No. :		185AGTX10-000	
DESIGN	YYH	CHECK	YPT	APPROVE	XQC	REV. : 01	SCALE :	
DATE	2023.07.12	DATE	2023.07.12	DATE	2023.07.12	PROJECTION: 	UNIT : mm	
							SHEET : 1 /1	



弯折示意图 FPC弯折出货



Pin Assignment	
NO.	SYMBOL
1	LCD_I03
2	LCD_I02
3	LCD_I01
4	LCD_I00
5	LCD_CLK
6	GND
7	LCD_ID
8	VBAT
9	VBAT
10	GND
11	GND
12	AVDD_EN
13	NC (MTP)
14	TP_RESET
15	TP_INT
16	TP_SCL
17	TP_SDA
18	TP_VDD
19	GND
20	GND
21	GND
22	LCD_RESET
23	LCD_CS
24	LCD_TE



11pin TP定义	
PIN	NAME
1	GND
2	GND
3	TP_VDD(3.3V)
4	VDDIO(3.3V)
5	TP_INT
6	TP_RST
7	TP_SDAIO(NC)
8	TP_SCL
9	TP_SDA
10	GND
11	GND

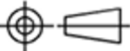
*****项目显示屏编码规则 (华尔升型号: ZC-A1D85B-009)					
供应商料号 1-13位	物料版本 14位	年 15位	月 16位	日 17位	流水号 19-21位
IDP185TPXX000	A	2	9	E	0000
完整示例: IDP185TPXX000A29E0000					

OLED Note:

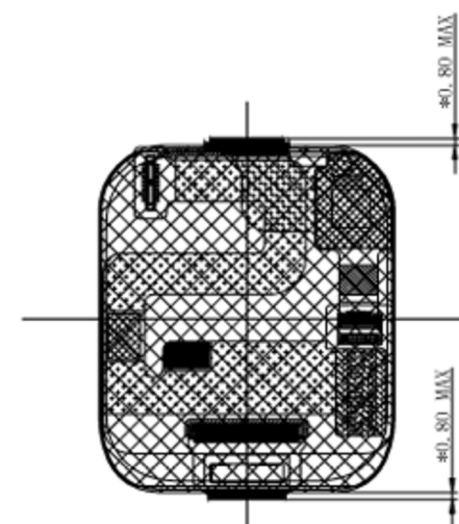
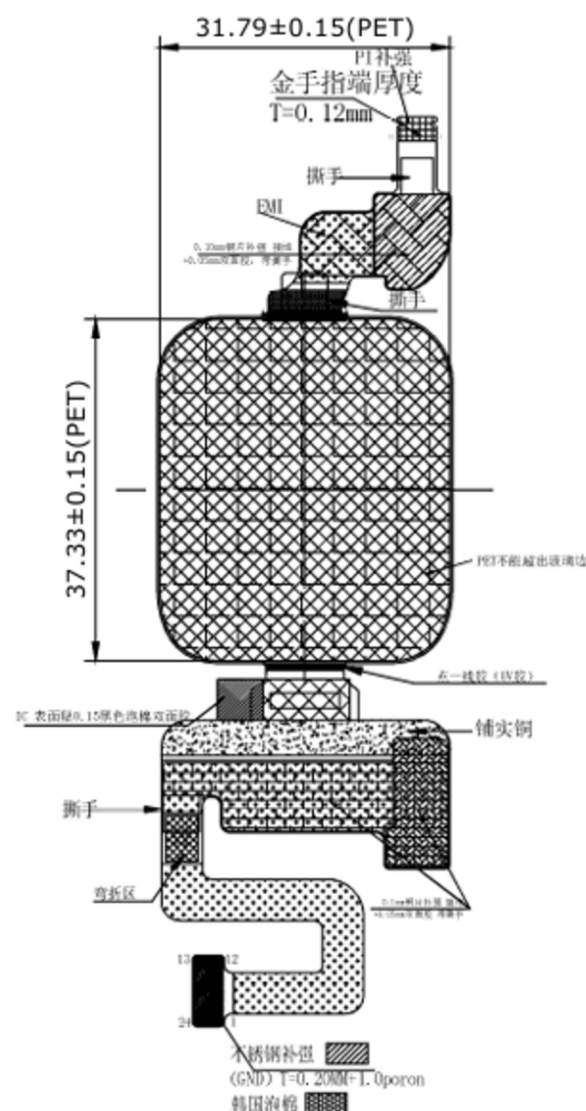
- Display mode: 1.85" AMOLED 390*RGB*450; Viewing direction: FREE;
- Interface Type: ; Input voltage: ;
- OLED Driver IC: CO5300AF-01; Power IC: BV6802W; TP IC: FT6146-M00;
- Luminance: 750cd/m² (MIN), 800cd/m² (TYP);
- Chromaticity White(X,Y): x=0.29±0.02, y=0.31±0.02;
- NTSC: 100%(TYP); Contrast:10000(MIN); Uniformity: 80% MIN;
- Operating temprature: -20° C ~ +60° C
- Storage temprature: -30° C ~ +65° C
- Interface connector:
- "()" Reference dimension; "*" Control dimensions; 翘曲度: ≤0.3mm;
- Unmarked dimensional tolerance: ±0.20
- If the customer does full lamination, considering the material tolerance and fitting tolerance, it is recommended that the CTP window be expanded by 0.2mm from one side of LCD AA area.

- VA区透光率≥87%;
- CG材质, 熊猫玻璃1.6mm/表面硬度≥7H (750g);
- 达因值, CG背面达因能≥34dyn, (CG油墨面、Film非ITO面), 达因笔品牌 Arcotest;
- 强化条件, 强化深度DOL≥35um, 表面应力CS≥700Mpa, 四周弯曲≥700mpa 光弹系数:27.5;
- 钢球冲击能量, 64g钢球, 35cm(0.2j)高度V.A.中心点3次, 无破损;
- 工作温度, -20° ~ +70° / 存储温度, -30° ~ +80°;
- 翘曲度≤0.2% / 油墨, BLACK INK图层为黑色印刷:油墨任意位置10mm两点之间阻值大于1000兆欧;
- 贴合角度偏差±0.8°, 位置公差≤0.15mm;
- 所有的材料符合ROHS2.0和无卤标准;
- 保护膜不残胶, 不掉尘, 易贴附无气泡, 防静电值介于10-11;
- 未标注的公差±0.10mm, 带"*"为CPK重点管控尺寸 CPK≥1.33, 未注倒边 C=0.1*0.1mm;
- LENS表面AF要求, 擦拭前水滴角≥110°, 擦拭后水滴角≥100° 擦拭后水滴角≥100° S级标准, 钢丝绒摩擦2000个循环(1Kg的力)。

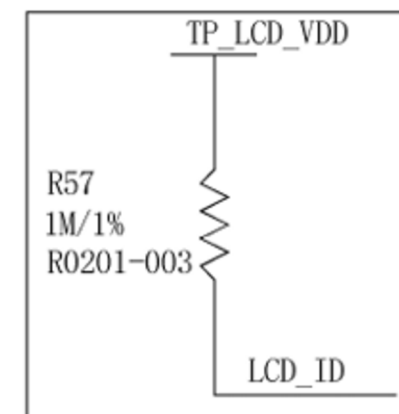
元器件摆放待实际layout摆放位置为准!!!

 思澈科技					DRAWING TITLE:		ZC	
					DRAWING No. :		185AGTX10-000	
DESIGN	YYH	CHECK	YPT	APPROVE	XQC	REV. : 01		SCALE :
DATE	2023.07.12	DATE	2023.07.12	DATE		PROJECTION:		UNIT : mm
					2023.07.12			SHEET : 1 / 1

弯折示意图



I1pin TP定义	
PIN	NAME
1	GND
2	GND
3	TP_VDD(3.3V)
4	VDDIO(3.3V)
5	TP_INT
6	TP_RST
7	TP_SWDIO(NC)
8	TP_SCL
9	TP_SDA
10	GND
11	GND



I/O口电平3.3V

 思澈科技					DRAWING TITLE:		MD	
					DRAWING No. :		185AGTX10-000	
DESIGN	YYH	CHECK	YPT	APPROVE	XQC	REV. : 01		SCALE :
DATE	2023.07.10	DATE	2023.07.10	DATE		2023.07.10	PROJECTION: 	
								SHEET : 1 / 1