

# 一. 产品特征 (Features):

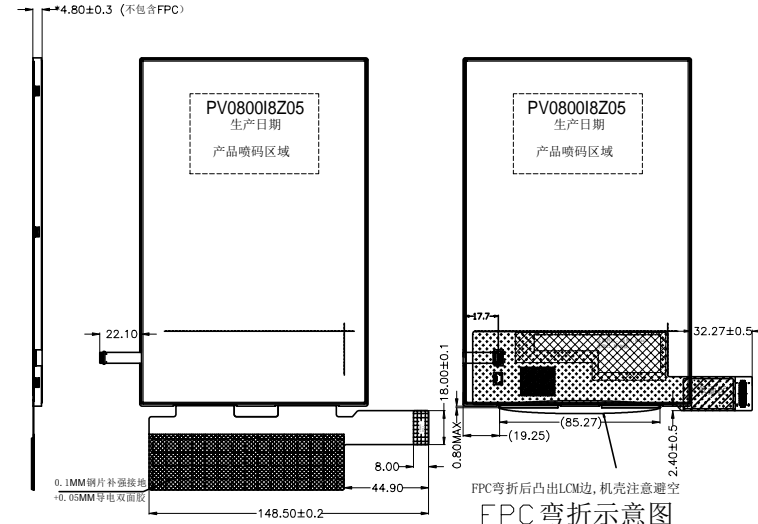
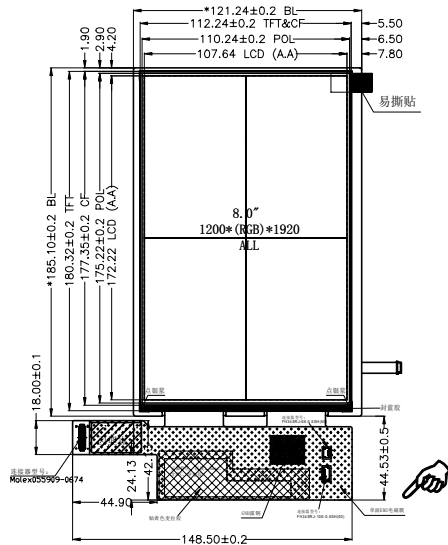
## 1. 产品规格: (Product specifications):

显示类型(Display mode):	TFT/Normal BLACK
驱动芯片(Driver IC):	HX8279D01
人眼观察视角(Viewing Direction):	ALL
接口类型(Interface Types):	MIPI VIDEO MODE
背光类型(Backlight Types):	32pcs, 4串8并110mA/LED, 电压为12.3V
模组亮度(LCM Brightness):	1700cd/m2 Min, 2000cd/m2 TYP
模组色坐标(LCM Color Coordinate):	(X=0.30±0.05, Y=0.33±0.05)
模组均匀度(LCM Uniformity):	70% MIN
操作温度(Operating Temperature):	0°C~50°C
储存温度(Storage Temperature):	-20°C~60°C
平面翘曲度(Plane Warping Degree):	<=0.35MM
连接器(FPC CONNCTOR):	Mollex055909-0674

- 一般公差: ±0.2mm. (GENERAL TOLERANCE: ±0.2)
- 尺寸中带有“\*”为重点管控尺寸. (“\*”Dimensions of the key control and Control Dimensions.)
- 图纸中带有“👉”特别说明及重点确认位置. (Special Note And Key Confirmation Position)
- 产品所有物料符合 ROHS 规定要求. (All The Products Comply With The ROHS Requirements).
- 可视区开窗设计要求: 建议外壳可视区域比模块VA单边小0.3mm以上. (Visual Area Windows Design Requirements: The Proposed Shell Visual Area Than The Module VA Unilateral Small 0.3mm Above.)

## 二. 防静电PCB' A设计建议及要求: (The Antistatic PCB' A Design Suggestions And Requests)

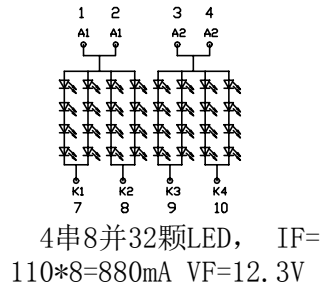
- 在RESET信号脚上接TVS管, 连接TVS管GND要铺完整. (TVS Tube Feet, Then The RESET Signal, Connect The TVS Tube GND To Shop Complete).
- 信号走线, 同时两侧包GND线. (Signal Go Line, While Both Sides Of The Package GND Line).



FPC弯折示意图  
FPC弯折出货

Back Light:

PIN NO.	SYMBOL
1	A1
2	A1
3	A2
4	A2
5	NC
6	NC
7	K1
8	K2
9	K3
10	K4

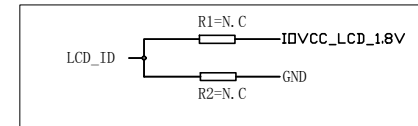


PIN NO.	SYMBOL
1	TOUCH_RST 31 LED_A2
2	MIPI1_D0N_NC 32 MIPI0_D0N
3	TOUCH_INT 33 LED_A2
4	MIPI1_D0P_NC 34 MIPI0_D0P
5	TOUCH_SDA 35 NC
6	GND 36 GND
7	TOUCH_SCL 37 LED_K5
8	MIPI1_D1N_NC 38 MIPI0_D1N
9	VCI_TP_LCD_3.3V 39 LED_K6
10	MIPI1_D1P_NC 40 MIPI0_D1P
11	GND 41 LED_K7
12	GND 42 GND
13	LED_A1 43 LED_K8
14	MIPI1_CLKN_NC 44 MIPI0_CLKN
15	LED_A1 45 IDVCC_LCD_1.8V
16	MIPI1_CLKP_NC 46 MIPI0_CLKP
17	NC 47 LCD_VSP_NC
18	GND 48 GND
19	LED_K1 49 LCD_VSN_NC
20	MIPI1_D2N_NC 50 MIPI0_D2N
21	LED_K2 51 LCD_RST
22	MIPI1_D2P_NC 52 MIPI0_D2P
23	LED_K3 53 7P0_PWM_OUT
24	GND 54 GND
25	LED_K4 55 LCD_TE
26	MIPI1_D3N_NC 56 MIPI0_D3N
27	NC 57 LCD_ID
28	MIPI1_D3P_NC 58 MIPI0_D3P
29	GND 59 GND
30	GND 60 GND

CTP:

PIN NO.	SYMBOL
1	GND
2	VDD (3.3V)
3	I2C_CLK (3.3V)
4	I2C_DAT (3.3V)
5	INT (3.3V)
6	RESET (3.3V)

第57脚 (LCD\_ID):



V4						Kingtech Group Co.,Ltd.	设计 (DESIGN)	审核 (AUDITING)	批准 (APPROVED)	
V3					视角 (View)					比例 (Proportion) 1 : 1
V2					单位 (Unit)					MM 页面 (Page) 1 / 1
V1	⚠	更改PIN定义, 增加单面电磁膜	2020.8.4	产品型号	PV080018Z05					
V0	⚠	初版 (The first edition)	2020.6.16	日期 (Date)						
版本 (Version)	符号 (SYMBOL)	变更记录 (Change History)	日期 (Date)	产品型号 (Product Type)						