

一. 产品特征 (Features):

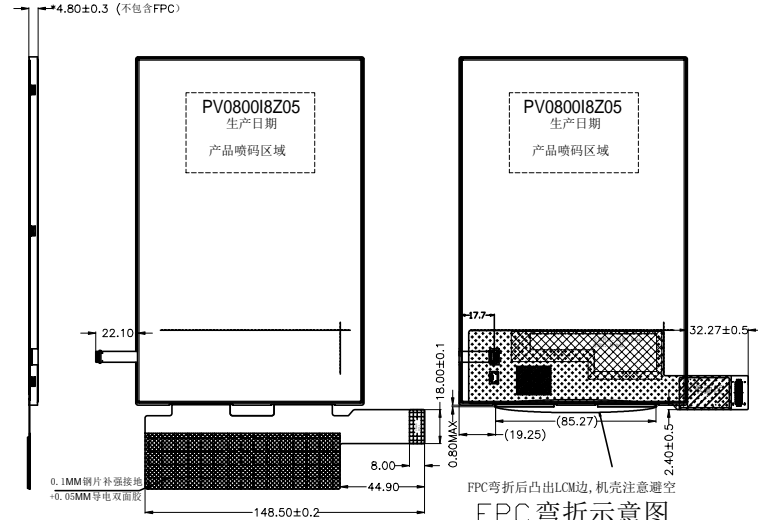
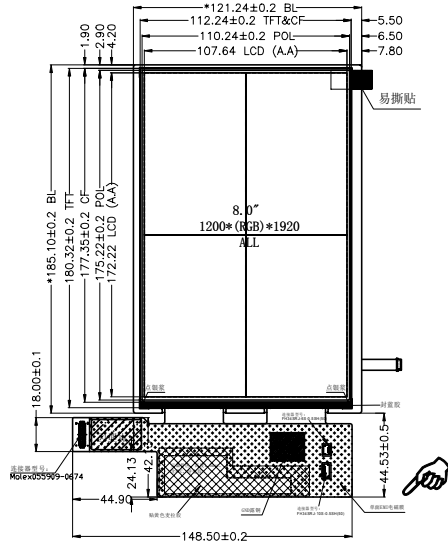
1. 产品规格: (Product specifications):

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.)

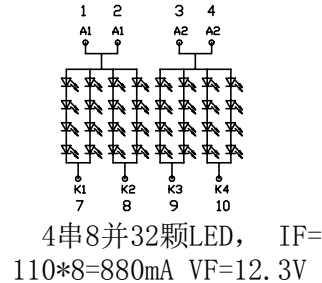
二. 防静电PCB' A设计建议及要求: (The Antistatic PCB' A Design Suggestions And Requests)

- 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).



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

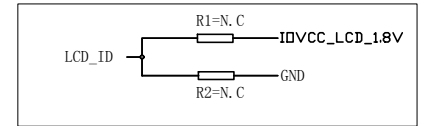


PIN NO.	SYMBOL
1	TOUCH_RST 31
2	MIP11_D0N_NC 32
3	TOUCH_INT 33
4	MIP11_D0P_NC 34
5	TOUCH_SDA 35
6	GND 36
7	TOUCH_SCL 37
8	MIP11_D1N_NC 38
9	VCI_TP_LCD_3.3V 39
10	MIP11_D1P_NC 40
11	GND 41
12	GND 42
13	LED_A1 43
14	MIP11_CLKN_NC 44
15	LED_A1 45
16	MIP11_CLKP_NC 46
17	NC 47
18	GND 48
19	LED_K1 49
20	MIP11_D2N_NC 50
21	LED_K2 51
22	MIP11_D2P_NC 52
23	LED_K3 53
24	GND 54
25	LED_K4 55
26	MIP11_D3N_NC 56
27	NC 57
28	MIP11_D3P_NC 58
29	GND 59
30	GND 60

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