一.产品特征（Features）：

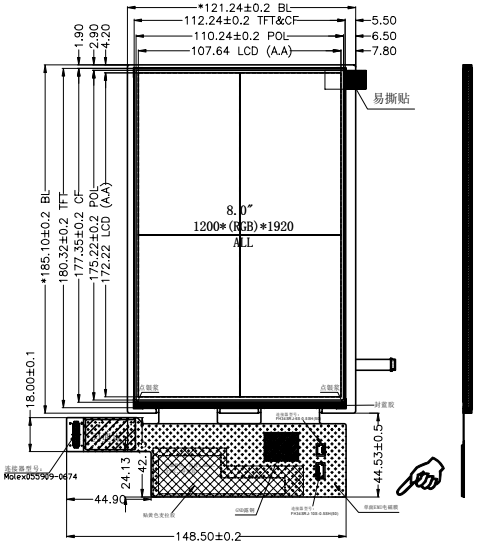
1.产品规格:
(Product specifications)：

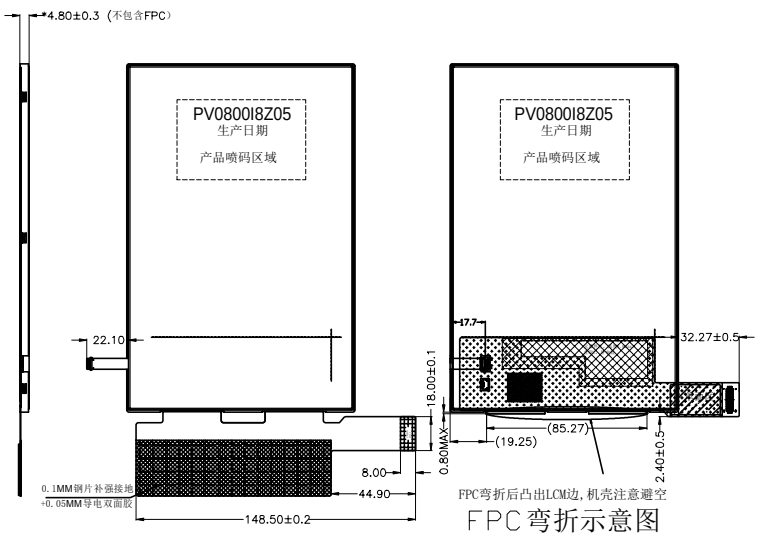
显示类型(Display mode)：	TFT/Normal BLACK
驱动芯片(Driver IC)：	HX8279D01
人眼观察视角(Viewing Direction)：	ALL
接口类型(Interface Types)：	MIPI VIDEO MODE
背光类型(Backlight Types)：	32pcs,4串8并110mA/LED, 电压为12.3V
模组亮度(LCM Brightness)：	1700cd/m2 Min, 2000cd/m2 TYP
模组色坐标(LCM Color Coordinate)：	(X=0.30±0.05,Y=0.33±0.05)
模组均匀度(LCM Uniformity)：	70% MIN
操作温度(Operating Temperature)：	0℃～50℃
储存温度(Storage Temperature)：	-20℃～60℃
平面翘曲度(Plane Warping Degree)：	<=0.35MM
连接器(FPC CONNTOR)：	Molex055909-0674

2.一般公差：±0.2mm.(GENERAL TOLERANCE:±0.2)
3.尺寸中带有“*”为重点管控尺寸.
("*"Dimensions of the key control and Control Dimensions.)
4.图纸中带有“ ”特别说明及重点确认位置.
(Special Note And Key Confirmation Position)
5.**产品所有物料符合 ROHS 规定要求.**
(All The Products Comply With The ROHS Requirements).
6.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)

1.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).
2.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

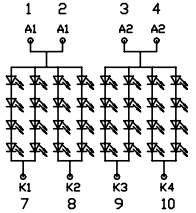
PIN NO.	SYMBOL	PIN NO.	SYMBOL
1	TOUCH_RST	31	LED_A2
2	MIPI1_D0N_NC	32	MIPI0_D0N
3	TOUCH_INT	33	LED_A2
4	MIPI1_D0P_NC	34	MIPI0_D0P
5	TOUCH_SDA	35	N.C
6	GND	36	GND
7	TOUCH_SCL	37	LED_K5
8	MIPI1_D1N_NC	38	MIPI0_D1N
9	VCI_TP_LCD_3.3V	39	LED_K6
10	MIPI1_D1P_NC	40	MIPI0_D1P
11	GND	41	LED_K7
12	GND	42	GND
13	LED_A1	43	LED_K8
14	MIPI1_CLKN_NC	44	MIPI0_CLKN
15	LED_A1	45	IOVCC_LCD_1.8V
16	MIPI1_CLKP_NC	46	MIPI0_CLKP
17	N.C	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	N.C	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)

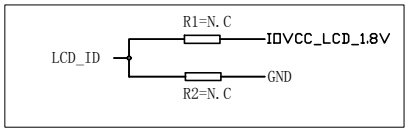
Back Light:

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



4串8并32颗LED， IF=
110*8=880mA VF=12.3V

第57脚（ LCD_ID ）：



版 本(Version)	符 号(SYMBOL)	变更记录(Change History)	日期(Date)
V4			
V3			
V2			
V1	B	更改PIN定义，增加单面电磁膜	2020.8.4
V0	A	初版(The first edition)	2020.6.16

Kingtech Group Co.,Ltd.

视 角 (View)		比例(Proportion)	1 : 1	设 计 (DESIGN)	审 核 (AUDITING)	批 准 (APPROVED)
单 位 (Unit)	M M	页 面 (Page)	1 / 1			
产品型号 (Product Type)	PV0800I8Z05					