表格受控编号：　　版本号：A/1　　保存期限：三年

一.产品特征（Features）：

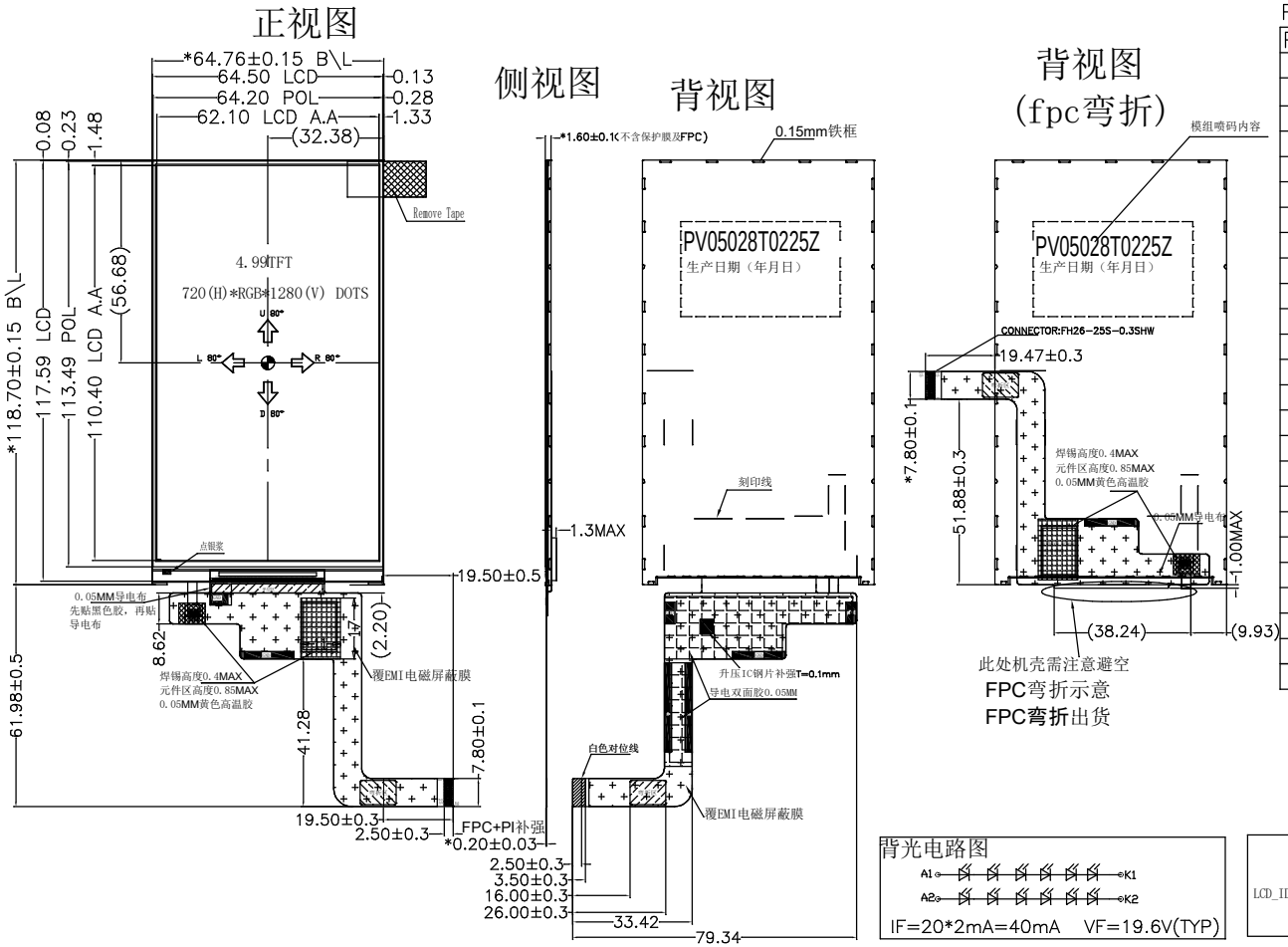
1.产品规格:
(Product specifications)：

显示类型(Display mode):	TFT/Normal BLACK
驱动芯片(Driver IC):	GC9702C
人眼观察视角(Viewing Direction):	ALL
接口类型(Interface Types):	MIPI
背光类型(Backlight Types):	12pcs,6串2并40mA(20mA/LED),电压为16.8V~20.4V 19.6V(TYP)
模组亮度(LCM Brightness):	450cd/m2 Min,500cd/m2 TYP
模组色坐标(LCM Color Coordinate):	(X=0.29±0.05,Y=0.30±0.05)
模组均匀度(LCM Uniformity)	80% MIN
操作温度(Operating Temperature):	-20℃～70℃
储存温度(Storage Temperature):	-30℃～80℃
平面翘曲度(Plane Warping Degree):	<=0.3MM
连接器(FPC CONNTOR):	FH26-25S-0.3SHW

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).

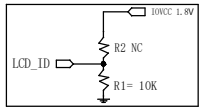


PIN ASSIGNMENTS

Pad No.	Pad Name
1	GND
2	DSI_D1P
3	DSI_D1N
4	GND
5	DSI_CP
6	DSI_CN
7	GND
8	DSI_D0P
9	DSI_D0N
10	GND
11	LEDK
12	LEDK
13	LEDA
14	LEDA
15	GND
16	VCC_2.8V
17	GND
18	IOVCC_1.8V
19	RESET
20	FMARK
21	DSI_D2P
22	DSI_D2N
23	LCD_ID
24	DSI_D3P
25	DSI_D3N

背光电路图

LCM_ID



版本(Version)	符号(SYMBOL)	变更记录(Change History)	日期(Date)
V4			
V3			
V2			
V1	B	更新喷码	2022.6.29
V0	A	初版(The first edition)	2022.3.8

Titel: LCM

Kingtech Group Co.,Ltd.

视角(View)		比例(Proportion)	1 : 1	设计 (DESIGN)	审核 (AUDITING)	批准 (APPROVED)
单位(Unit)	MM	页面(Page)	1 / 1			
产品型号 (Product Type)	PV05028T0225Z					