表格受控编号：　　版本号：A/1　　保存期限：三年

一.产品特征(Features)：

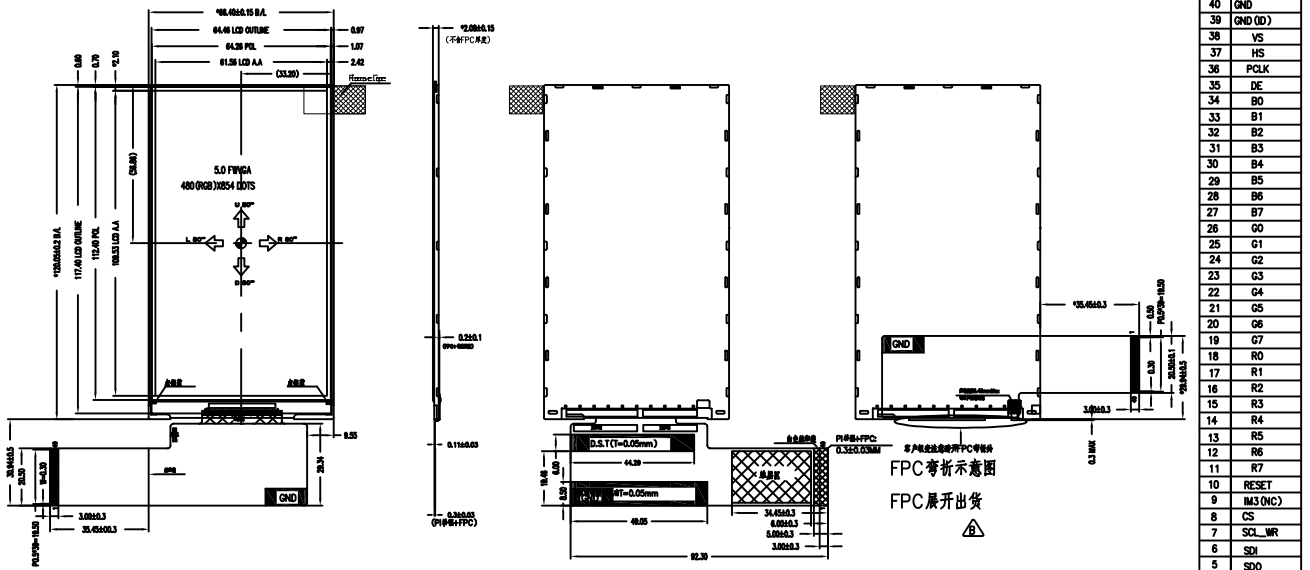
1.产品规格:
(Product specifications)：

显示类型(Display mode):	TFT/NORMALLY BLACK
驱动芯片(Driver IC):	ST7701S
人眼观察视角(Viewing Direction):	ALL
接口类型(Interface Types):	3SPI+RGB24 BIT
背光类型(Backlight Types):	12pcs,6串2并40mA(20mA/LED),电压为17.4-20.4V
模组亮度(LCM Brightness):	380 cd/m2 Min, 430 cd/m2 Typ
模组色坐标(LCM Color Coordinate):	(X=0.29±0.03,Y=0.30±0.03)
模组均匀度(LCM Uniformity):	80% MIN
操作温度(Operating Temperature)：	-20°C ~ 70 °C
储存温度(Storage Temperature):	-30°C ~ 80 °C
平面翘曲度(Plane Warping Degree):	<=0.3MM
mipi阻抗区配:	100Ω ±10%
连接器型号:	DJS-0501A-40GM-NH

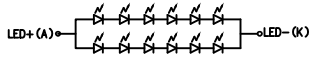
2.一般公差：±0.2mm.(GENERAL TOLERANCE:±0.2)
3.尺寸中带有"*"为重点管控尺寸.
("*"Dimensions of the key control and Control Dimensions.)
4.图纸中带有"*"特别说明及重点确认位置.
(Special Note And Key Confirmation Position)
5.产品所有物料符合 ROHS 规定要求.
(All The Products Comply With The ROHS Requirements).
6.可视区开窗设计要求:建议外壳可视区域比模块VA单边小0.3mm以上.
(Visual 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:	SYMBLE
40	GND
39	GND (ID)
38	VS
37	HS
36	PCLK
35	DE
34	B0
33	B1
32	B2
31	B3
30	B4
29	B5
28	B6
27	B7
26	G0
25	G1
24	G2
23	G3
22	G4
21	G5
20	G6
19	G7
18	R0
17	R1
16	R2
15	R3
14	R4
13	R5
12	R6
11	R7
10	RESET
9	IM3(NC)
8	CS
7	SCL_WR
6	SDI
5	SDO
4	IOVCC
3	VCC
2	K
1	A



If=40MA ,Vf=17.4-20.4V

BL CIRCUIT

版本(Version)	符号(SYMBOL)	变更记录(Change History)	日期(Date)
V4			
V3			
V2			
V1	B	变更FPC展开出货	2017.11.14
V0	N	初版(The first edition)	2017.08.09

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)	PV05002TD40C				