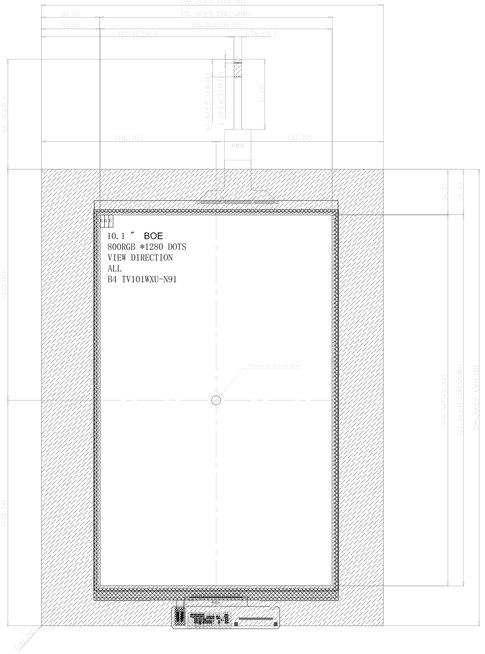
Z096H

无卤	REACH	RoHS

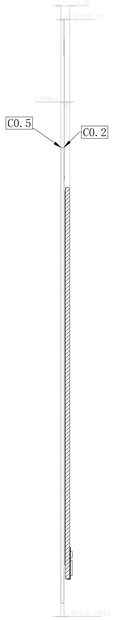
保密等级(秘密)

AMEND	NO.	CONTENT	DATE
	△0	NEW	20230705
	△1		
	△2		
	△3		

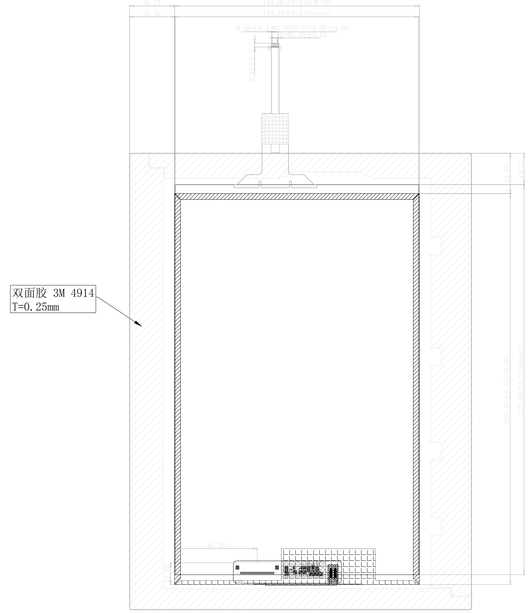
主视图



侧视图



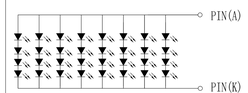
背视图



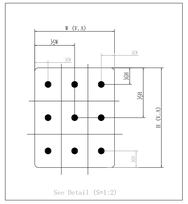
排线弯折出货

TP pin定义		LCM pin定义	
pin	Assignment	PIN NO	SYMBOL
1	SDA 2.8V	1	NC
2	SCL 2.8V	2	VDD
3	RST 2.8V	3	VCCIO
4	INT 2.8V	4	GND
5	VDD 2.8V	5	RESET
6	GND	6	NC
7	GND	7	GND
8	GND	8	MIPI_DON
		9	MIPI_DOP
		10	GND
		1	MIPI_D1N
		2	MIPI_D1P
		3	GND
		4	MIPI_CKN
		5	MIPI_CKP
		6	GND
		7	MIPI_D2N
		8	MIPI_D2P
		9	GND
		20	MIPI_D3N
		21	MIPI_D3P
		22	GND
		23	NC
		24	NC
		25	GND
		26	ID
		27	PWMO
		28	NC
		29	NC
		30	GND
		31	G-LED-
		32	G-LED-
		33	NC
		34	NC
		35	NC
		36	NC
		37	NC
		38	NC
		39	V-LED+
		40	V-LED+

线路原理图



LED: 4串*8并=32PCS



CTP技术参数:

1. 结构: G+G
Cover LENS:旭硝子1.8mm;
IC型号: GT9110H
2. 工作电压: 2.8V-3.3V
3. 透光率: ≥85%
4. 表面硬度: ≥6H
5. 工作环境: -20℃~+70℃
6. 储存环境: -30℃~+80℃
7. 未注尺寸公差按±0.1mm

NOTES:
1. DISPLAY TYPE: 10.1", TFT LCD (BOE/TV101WXU-N91),
2. DISPLAY MODE: Transmissive, Normally Black
3. Operating TEMP: -10° C TO 60° C
   Storage TEMP: -20° C TO 70° C
4. DRIVER IC: 禹创 ER88577A
5. TLCM(White):
   Brightness(centre point): 250cd/m² (MIN),300cd/m2 (TYP) --with CTP
8. BACK LIGHT: 32 chip white LEDs If=8*22.5mA,Vf=11.2V~13.6V
9. * 重点尺寸,CPK>=1.33;( ) 参考公差 ,[n]尺寸序号(有全尺寸测试时使用)
   未注公差:±0.20mm
10. SUGGESTION:TP window size unilateral increase 0.3~0.5mm than LCM A.A
11. 产品变形, 翘曲控制在: 0.45mm Max
12. TLCM盖板油墨达因值: 酒精不擦拭≥32;
13. PCBA翘曲≤板长*0.75%

TOLERANCE TABLE(±)

DIMENSION	t: 0.05	t: 0.1	t: 0.15	t: 0.2
L≤20	0.05	0.1	0.1	0.2
20<L≤50	0.1	0.15	0.2	0.25
50<L≤100	0.15	0.2	0.25	0.3
100<L≤200	0.2	0.25	0.3	0.5
200<L	0.25	0.3	0.5	0.5

UNLESS OTHERWISE SPECIFIED

Customer approve	DJN 帝晶光电 SHEN ZHEN DJN PHOTOELECTRIC TECHNOLOGY CO.,LTD				
	Model No	Z096H	Part No	Z096H	
	Drawing Title	TLCM成品	Drawn	邝浩贤	A0
	Drawing No	D-RD-XXX-XX	Checked	丁宝玲	Unit MM
	Scale 1:1	第三视角	Approve	秦福军	Page 1/1