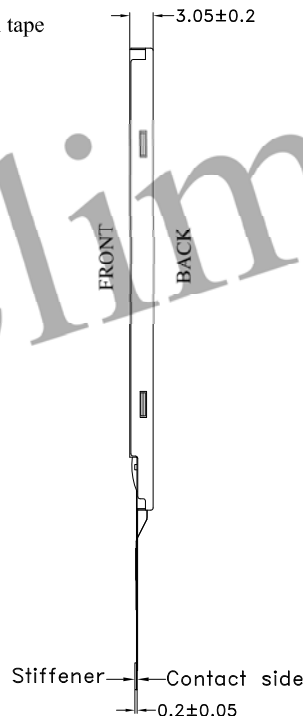
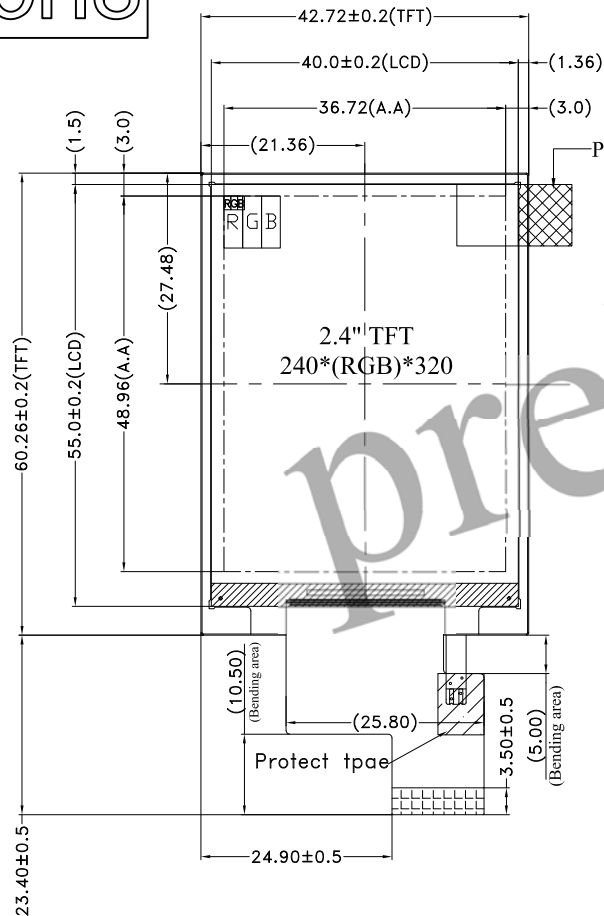
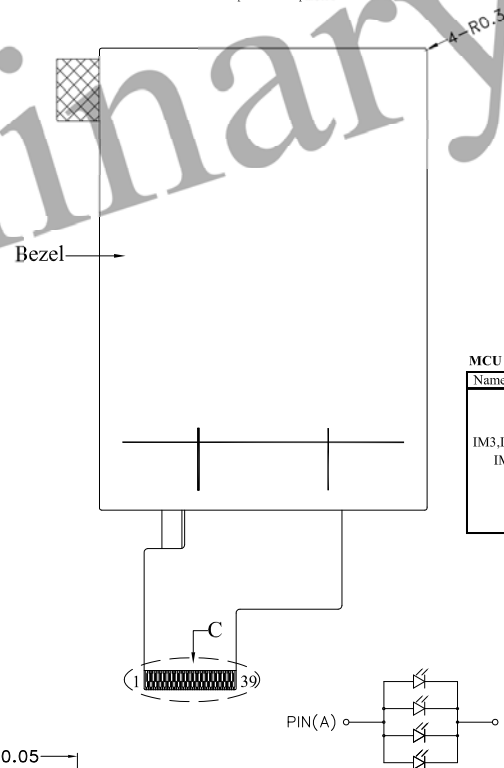


RoHS

ISSUE	MODIFY DESCRIPTION	DATE
T01	First Issue	2023.12.19



FPC展开出货
FPC expand shipment



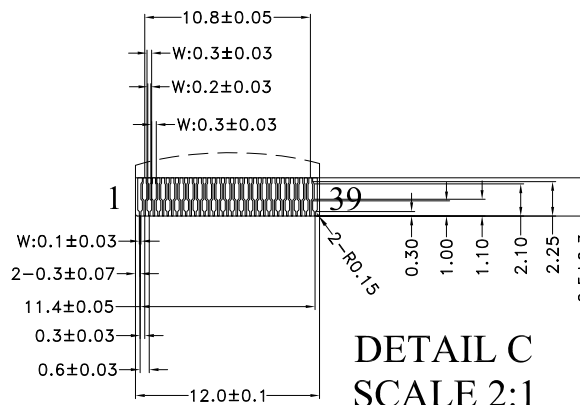
电路图CIRCUIT DIAGRAM
(LED SMD 1*4 = 4 dies)

FPC ASSIGNMENT:

No.	Signal	Pin	Function
1	LED-	21	DB16
2	LED+	22	DB17
3	VDD	23	DOTCLK
4	GND	24	ENABLE
5	DB0	25	HSYNC
6	DB1	26	VSYNC
7	DB2	27	TE
8	DB3	28	CSX
9	DB4	29	SDA
10	DB5	30	SDO
11	DB6	31	DCX
12	DB7	32	WRX
13	DB8	33	RESET
14	DB9	34	IM1+IM2
15	DB10	35	IM3
16	DB11	36	RDX
17	DB12	37	NC
18	DB13	38	NC
19	DB14	39	NC
20	DB15		

MCU interface mode select.

Name	I/O	Description	Connect Pin			
IM3,IM2,IM1 IM0=0	1	The MCU interface mode select.				
		IM3	IM2+IM1	MPU Interface Mode	Data Pin	GND/VDD
		0	0	80-8bit parallel I/F	DB[7:0]	
		0	1	4-line 8bit serial I/F	SDA:in/out	
		1	0	80-16bit parallel I/F II	DB[17:10], DB[8:1]	
1	1	4-line 8bit serial I/F II	SDA:in SDO:out			



DETAIL C
SCALE 2:1

Display Type	2.4" a-Si TFT, Normally White / Transflective
Display Resolution	240*(RGB)*320
Viewing Direction	10:00
Max. Ratio and Bias Level	
LCD Controller/Driver	ST7789T3-G
Logic Voltage	3.0V±0.3V
Operation Temperature	-20°C TO 70°C
Storage Temperature	-30°C TO 80°C
Backlight Speciality	LED Side (White), 4PCS, Vf=3.0V(typ.); If=60mA (Constant)
Reliability Test	Normal
Remark	

TITLE: Module Speciality	
PROJECT NO: EA TFT024-23ATNN	
▲: Special characteristic +: Safety characteristic Tolerance unless: x.x±0.3	▽: Critical dimension (...): Reference dimension Otherwise specified: x.xx±0.2
THIRD ANGLE PROJECTION	
	NAME SIGN DATE
DRAWN	Luo shao lin
CHECKED	Yang yong yu
CHECKED	Lan Li juan
APPROVED	Yu Hao
REV: T01	UNIT: mm SCALE: 1/1 SHEET: 1 OF 1

DISPLAY
INDUSTRIAL SOLUTIONS
VISIONS