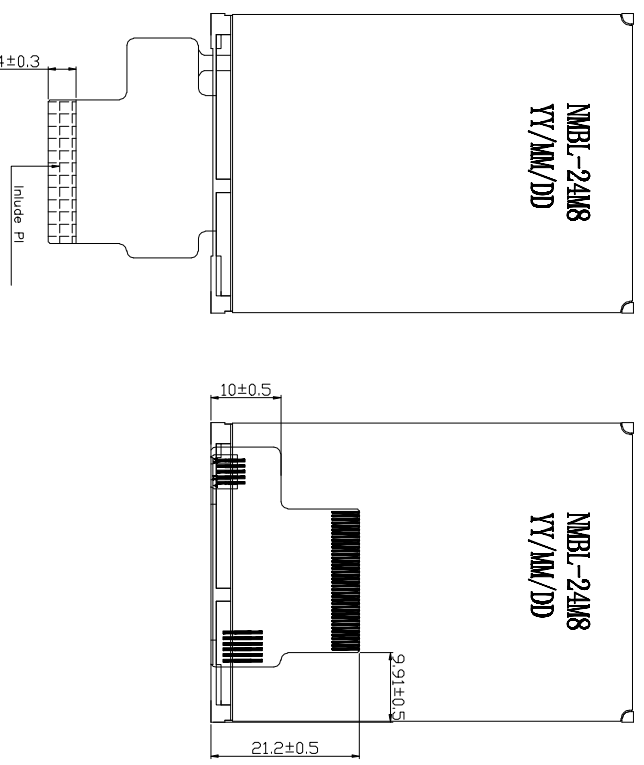
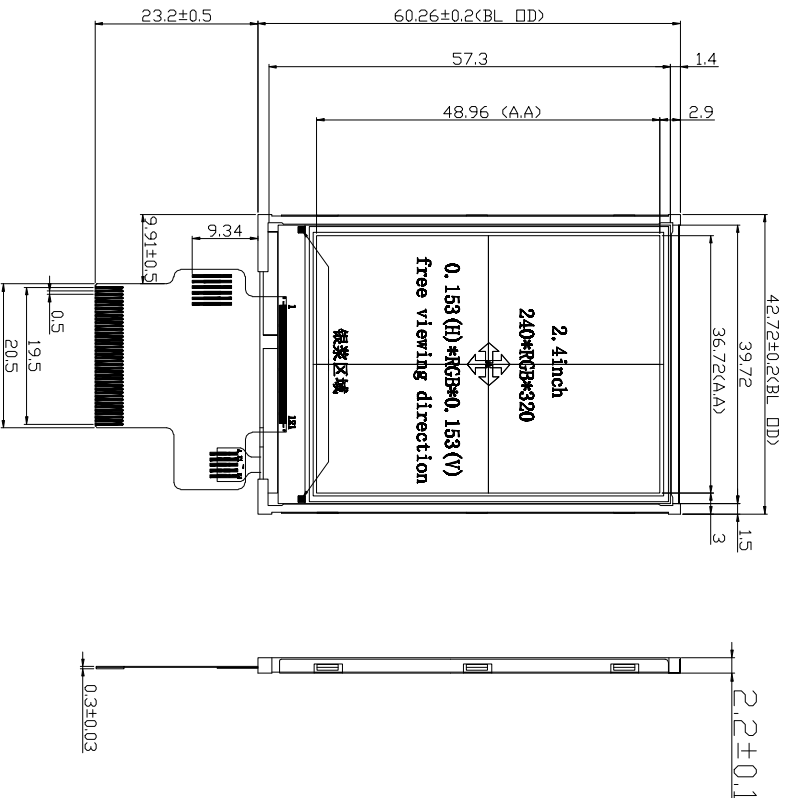
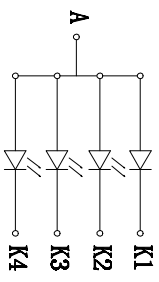


Rev	Notes	Date	Signature/Checked
1			
2			
3			

Rev	Description
1	GND
2	GND/(SSDA)
3	IMO
4	FMARK
5	NC
6	NC
7	RESET
8	RS(SSCL)
9	CS
10	RD
11	WR(D/C)
12	VCC
13	NC/(SSDD)
14	GND
15	DB15/(GND)
16	DB14/(GND)
17	DB13/(GND)
18	DB12/(GND)
19	DB11/(GND)
20	DB10/(GND)
21	DB9/(GND)
22	DB8/(GND)
23	DB7/(GND)
24	DB6/(GND)
25	DB0/(GND)
26	DB1/(GND)
27	DB2/(GND)
28	DB3/(GND)
29	DB4/(GND)
30	DB5/(GND)
31	NC
32	NC
33	LEDA
34	LEDK1
35	LEDK2
36	LEDK3
37	LEDK4
38	NC
39	NC
40	GND



IMO=0, MCU16-bit, DB0~DB15;
IMO=1, 4line spi



LED CIRCUIT DIAGRAM:

Pin	Description
1	GND
2	GND/(SSDA)
3	IMO
4	FMARK
5	NC
6	NC
7	RESET
8	RS(SSCL)
9	CS
10	RD
11	WR(D/C)
12	VCC
13	NC/(SSDD)
14	GND
15	DB15/(GND)
16	DB14/(GND)
17	DB13/(GND)
18	DB12/(GND)
19	DB11/(GND)
20	DB10/(GND)
21	DB9/(GND)
22	DB8/(GND)
23	DB7/(GND)
24	DB6/(GND)
25	DB0/(GND)
26	DB1/(GND)
27	DB2/(GND)
28	DB3/(GND)
29	DB4/(GND)
30	DB5/(GND)
31	NC
32	NC
33	LEDA
34	LEDK1
35	LEDK2
36	LEDK3
37	LEDK4
38	NC
39	NC
40	GND

E	LCD Type	2.4" TFT, Transmissive, Normally black, IPS
	Resolution	240*(RGB)*320
	Viewing Angle	ALL
	Driver IC	ST7789V
	Color Depth	262K
	Interface Types	MCUB-16-bit
	Backlight Types	4 LEDs
	Operating temperature	-20 C° ~ 70 C°
	Storage Temperature	-30 C° ~ 80 C°
	Storage Humidity	10RH ~ 40RH

Limits Unless Otherwise Noted	Tolerance Grade	
	Grade	Grade
0 - 150	±0.10	±0.15
150+	±0.20	±0.25
Angle	±0.50°	±0.80°

Design	Signature	Date	Material	Unit	Scale	Date	Projection Method	Version
设计				mm	1:1		投影法	1.0
绘图								
审核								
批准								
客户确认								

4D SYSTEMS PTY LTD

客户图号 4DLCD-24240320-ITS
工程图号 NMLCD-24M7

20210622