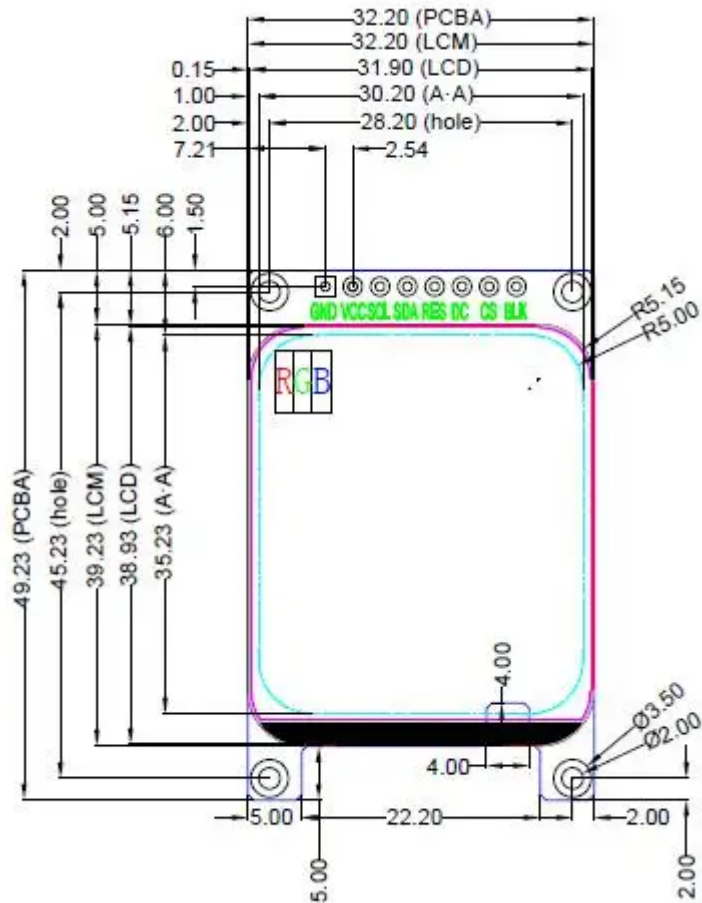


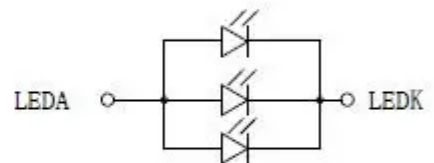
Size: 1.83 inch
LCD Type: TFT
Outline Dimensions: 32.2*39.23*1.46mm
Active Area: 30.1968*35.2296mm
Dot Pitch: 0.12582*0.12582mm
Numberof Dots: 240(RGB)*280
Controller: NV3030B
PIN NO.: 12P
Brightness: 500 (Cd/m2)
Display Color: 262K
Backlight: White LED
Polarizer Mode: Transmissive
Data Interface: 4-Wire SPI interface
Input Voltage: 3.3V
Operating Temp.: -20 ~ 70 degree
Viewing Direction: All

NO.	Item	Contents	Unit
1	LCD Size	1.83	inch
2	Display Mode	Normally black	-
3	Resolution	240(H)RGB x280(V)	pixels
4	Pixel pitch	0.12582(H) x 0.12582(V)	mm
5	Active area	30.1968(H) x 35.2296(V)	mm
6	Module size	32.2(H) x 49.23(V) x6.01 (D)	mm
7	Pixel arrangement	RGB Vertical stripe	-
8	Interface	4 Line SPI	-
9	Display Colors	262K	colors
10	Drive IC	NV3030B	-
11	Luminance(cd/m2)	500 (TYP)	Cd/m2
12	Viewing Direction	All View	Best image
13	Backlight	3 White LED Parallel	-
14	Operating Temp.	-20℃~ + 70℃	℃
15	Storage Temp.	-30℃~+ 80℃	℃
16	Weight	TDB	g



NOTES:

- 1.DISPLAY TYPE: 1.83 TFT
- 2.VIEWING DIRECTION: All
- 3.POLARIZER MODE: TRANSMISSIVE/NORMALLY BLACK
- 4.DRIVER IC: NV3030B
- 5.Resolution: 240(H)RGB x 280(V)
- 6.INTERFACE:4SPI
- 7.OPERATING TEMP: -20° C~70° C
- 8.STORAGE TEMP: -30° C~80° C
- 9.BACKLIGHT: 3 CHIP-WHITE LED
- 10.GENERAL TOLERANCE: ± 0.20
- 11.ROHS



If=60mA Vf=2.7~2.9V

Schematic diagram

