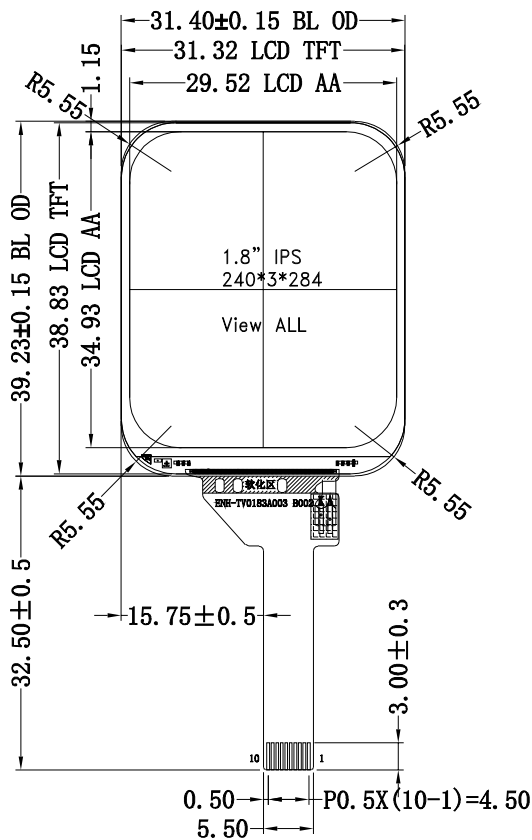
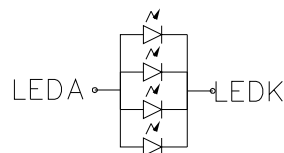


LCD 接口定义

Pin Assignment	
NO.	SYMBOL
1	GND
2	RS
3	CS
4	CLK
5	SDA
6	RST
7	VDD
8	LED+
9	LED-
10	GND

技术要求:

- 未标注尺寸公差 $\pm 0.20\text{mm}$
- LCD切割断面崩边 $\leq 1/3$ (单层LCD厚度)
- 平面翘曲度 $\leq 0.35\text{mm}$
- 符合RoHS指令
- 工作温度: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- 储存温度: $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- 建议TP V. A开窗比LCD A. A单边大0.4mm
- 泡棉开窗比LCD A. A单边大0.3mm



If=80ma Vf=2.9~3.1v

LCD型号/类型/分辨率	BOE1.8/IPS/240*284
视角方向	ALL
偏光片	上磨0° /下光90°
驱动IC	ST7789P3
LED颗数/连接方式/电流	4-LED/并联/80mA

PART DESCRIPTION		LCM		TrueVision Technologies Limited www.tvtdisplay.com				
DESIGNED			UNIT mm	SCALE 1.00	3rd ANGLE		SIZE A4	SHEET NUMBER 1 of 1
CHECKED		PART NUMBER						DRAWING REV. A
APPROVED		MODEL NAME TFT183B002						PART NUMBER VER. N/A

REV	SIGN	DESCRIPTION	PIC	DATE
A		首次发行	YAO	2023.08.11