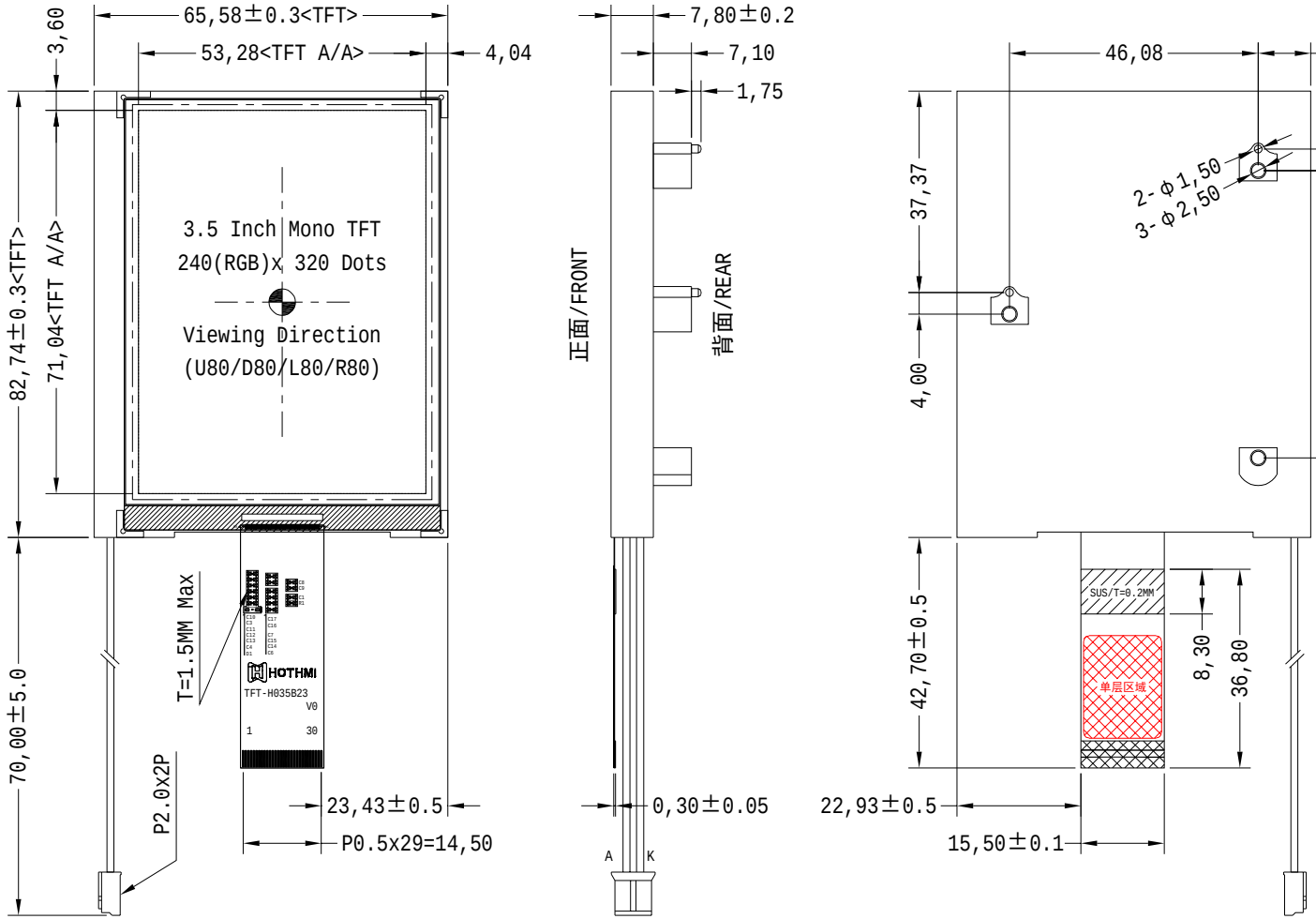
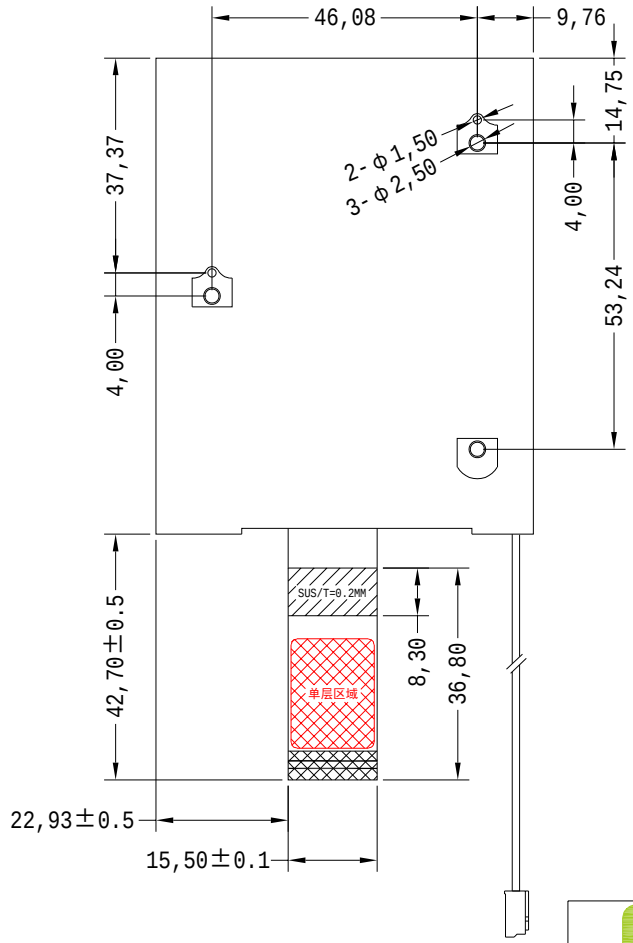
***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。 如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel.If the LCD needs to display a fixed pattern, it is recommended to refresh the display one or more times in less than 2 minutes or less.
强烈建议使用黑色图像或移动图像作为屏幕保护程序。It is strongly recommended to use a black image or moving image as a screen saver.





Pin_SIGNAL		Pin_SIGNAL	
1	GND	21	RDX
2	NC	22	WRX
3	NC	23	RSX
4	NC	24	CSX
5	NC	25	RESX
6	NC	26	GND
7	NC	27	NC
8	NC	28	NC
9	NC	29	NC
10	GND	30	NC
11	DB7		
12	DB6		
13	DB5		
14	DB4		
15	DB3		
16	DB2		
17	DB1		
18	DB0		
19	VCI		
20	VCI		

液晶显示类型 LCD Display Type	薄膜晶体管/透射式/常黑/单色/16 灰度级 TFT/Transmissive/Normally Black/MONO COLOR/16 Gray scale		
观看方向/角度 Viewing Diretion	U80/D80/R80/L80	TFT 储存温度 TFT Storage Temp	-40 ℃ ～ 90 ℃
接口 Interface	8-bit parallel interface with 8080	驱动芯片 Driver IC	ST7512<TFT>
工作电压 Operating Voltage	VCI=3.3V,IOVCC=1.8V(Typ)	背光驱动条件 Backlight conditions	Vf= 5.0 ～ 5.6V/If= 160 mA
TFT 工作温度 TFT Operating Temp	-30 ℃ ～ 85 ℃	液晶模组亮度 LCM Brightness	350 cd/m²(Typ)/固定电流测试

HOTHMI

产品型号 Product model	TFT-H035B23QVIST3N30				
比例 Scale	1:1	设计制图 Design	Liu.YL	日期 Date	2024-02-27
版本 Ver	V0-0	单位 Unit	MM	公差 Tol.	±0.3