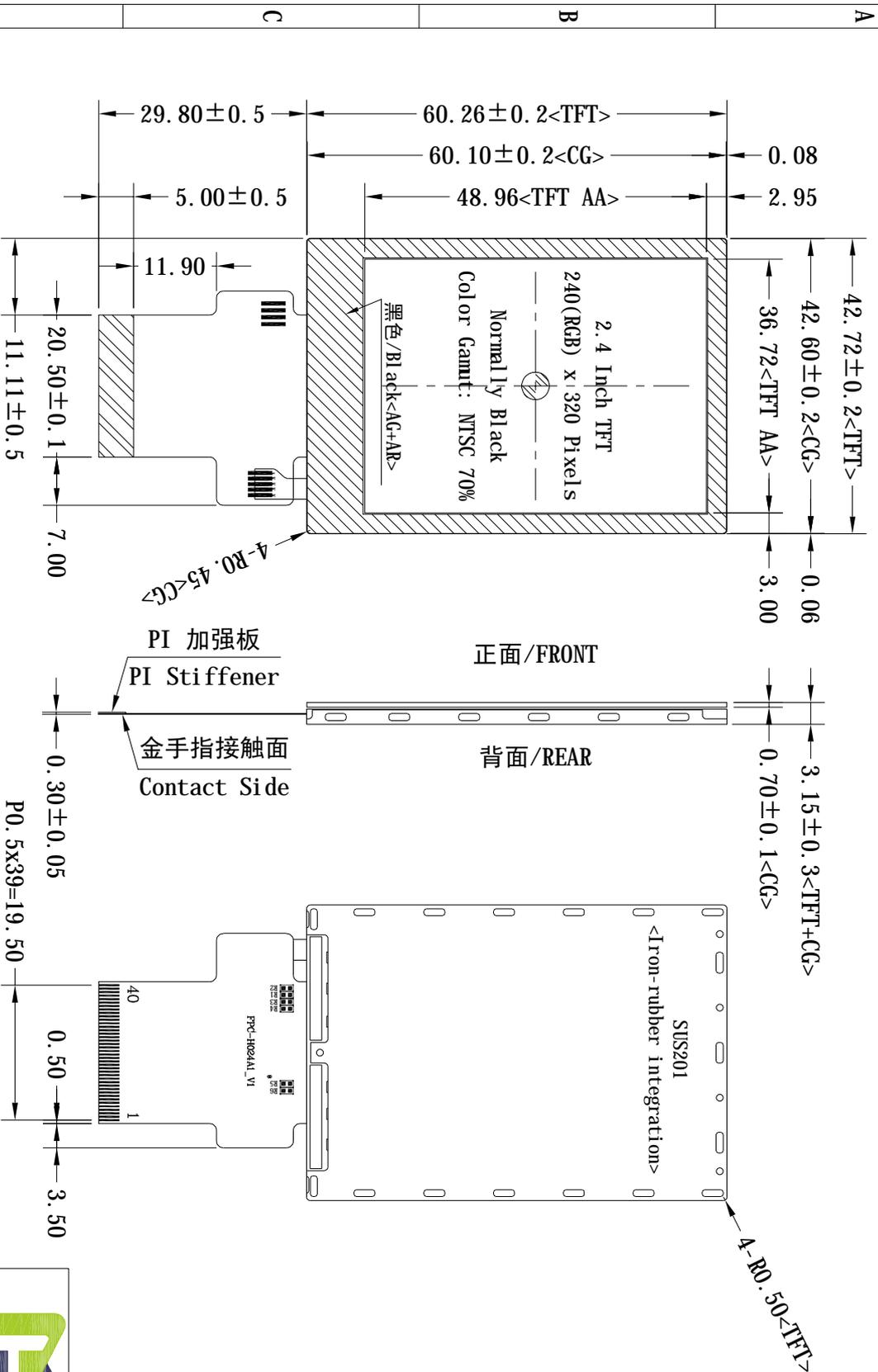


***为防止LCD产生图像残留,在使用常黑面板时不要长时间显示固定图案,建议时间少于2分钟或者更短的时间内刷新显示内容一次或多次。
 ***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh the display one 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.

字体: 黑体
bold (typeface)



LVDS CN Pin_SIGNAL	
1	GND DB7
2	RTP-YD DB8
3	RTP-XR DB9
4	RTP-YU DB10
5	RTP-XL DB11
6	SD0 DB12
7	VCI DB13
8	VCI DB14
9	SD1 DB15
10	CS RESX
11	RS IM0
12	WR NC
13	RD GND
14	DB0 LEDK
15	DB1 LEDK
16	DB2 LEDK
17	DB3 LEDK
18	DB4 LEDA
19	DB5 NC
20	DB6 NC

产品型号
TFT-H024A1QVI STKG40

设计制图
 Liu_YL

日期
 2026-03-16

版本
V1-5

单位
 MM

公差
 ±0.3

液晶模组观看方向角度 LCM Viewing Direction	U80/DB0/R80/L80	TFT 工作温度 TFT Operating Temp	-30 °C ~ +80 °C
液晶模组接口 LCM Interface	MCU<default> and SPI <TFT>	TFT 储存温度 TFT Storage Temp	-40 °C ~ +80 °C
液晶模组工作电压 LCM Operating Voltage	VCI=3.0±0.3V	背光驱动条件 Backlight conditions	Vf=12.0±1.0V, If=60mA
液晶模组驱动芯片 LCM Driver IC	ST7789<TFT>	液晶模组亮度 LCM Brightness	1500±300 cd/m²/恒流测试

Resistor	IM0	MPU Interface Mode
R1+R3+R5	GND	16bit, DB10 ~ 151
R1+R3+R5	VCI	8bit, DB18 ~ 151
R1+R4+R6	VCI	3-line 9bit serial
R2+R4+R6	GND	4-line 9bit serial