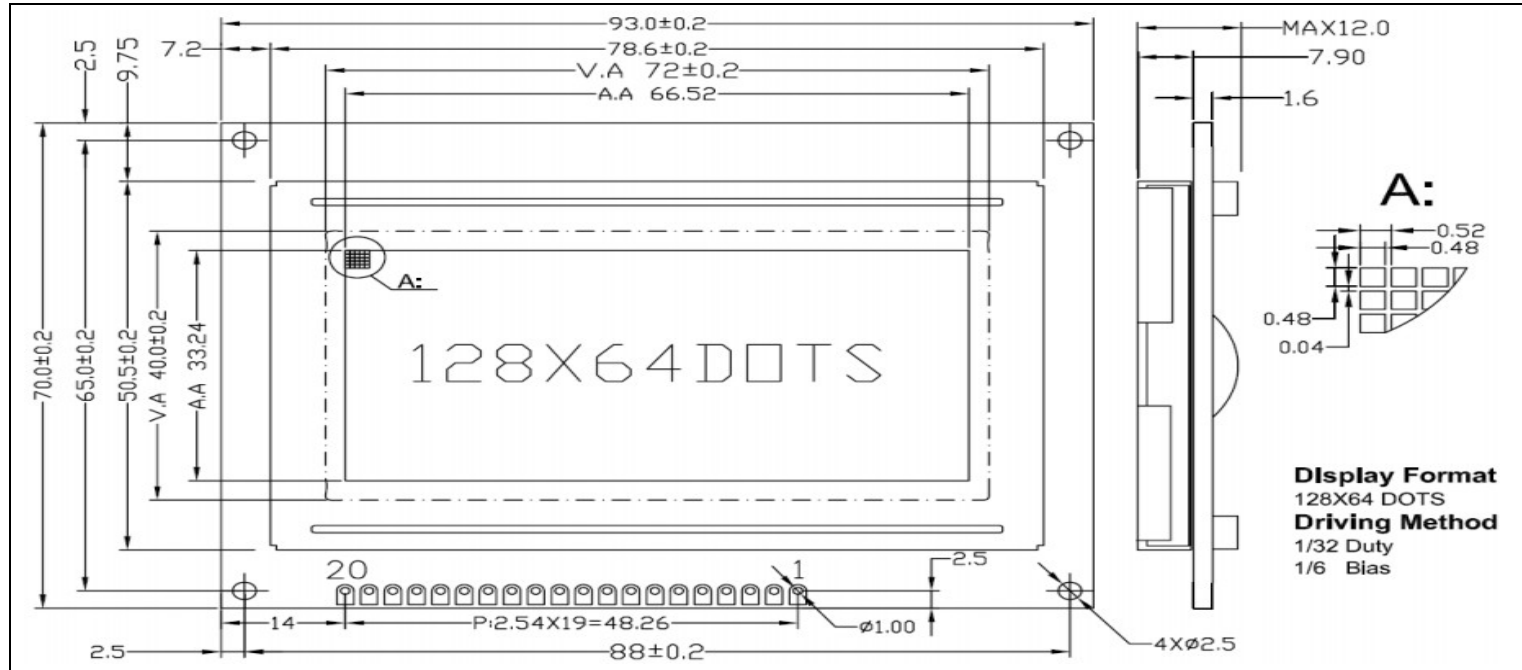


# 12864M

## 外型尺寸/OUTLINE DIMENSIONS



## 机械规格和特征/MECHANICAL SPECIFICATIONS & FEATURES

项目/Item	尺寸 (mm) / Size (mm)	功能特点及参数/ Function feature & parameter	
模块尺寸/ Module Size	93.0*70.0*12	工作温度/ operating temperature	-20℃ ~ 70℃
视域尺寸/ View Area	72*40	储存温度/ storage temperature	-30℃ ~ 80℃
点阵数/ Number of Dots	128*64	工作电压/ working volt	5V/3.3V
点间距/ Dot Pitch	0.52*0.52	制作工艺/ manufacture craft	带硬件中文字库 / Belt hardware Chinese fonts
点大小/ Dot size	0.48*0.48	背光/ back light	LED
控制器/ controller	ST7920	液晶玻璃/ LCD	蓝膜、黄绿膜、FSTN 黑白 Blue 、yellow-green、FSTN

## 接口说明/ interface explanation

序号/Pin	symbol	Description (管脚描述)
1	GND	Ground Logic (地)
2	VCC	Power supply for Logic (逻辑电压)
3	VO	Power supply for LCD drive (对比度调节)
4	RS	Register selection (指令、数据寄存器)
5	R/W	Read / write selection (读写选择信号)
6	E	Enable signal for LCM (使能信号)
7~14	DB0~DB7	Data Bus lines (数据线 0~7)
15	PSB	Parallel mode / Serial mode (控制界面)
16	NC	No connection (未用)
17	/RST	Reset Signal (复位信号)
18	VEE	Negative voltage output (电压输出)
19	BLK	Power supply for Backlight(-) (背光负极)
20	BLA	Power supply for Backlight(+) (背光正极)