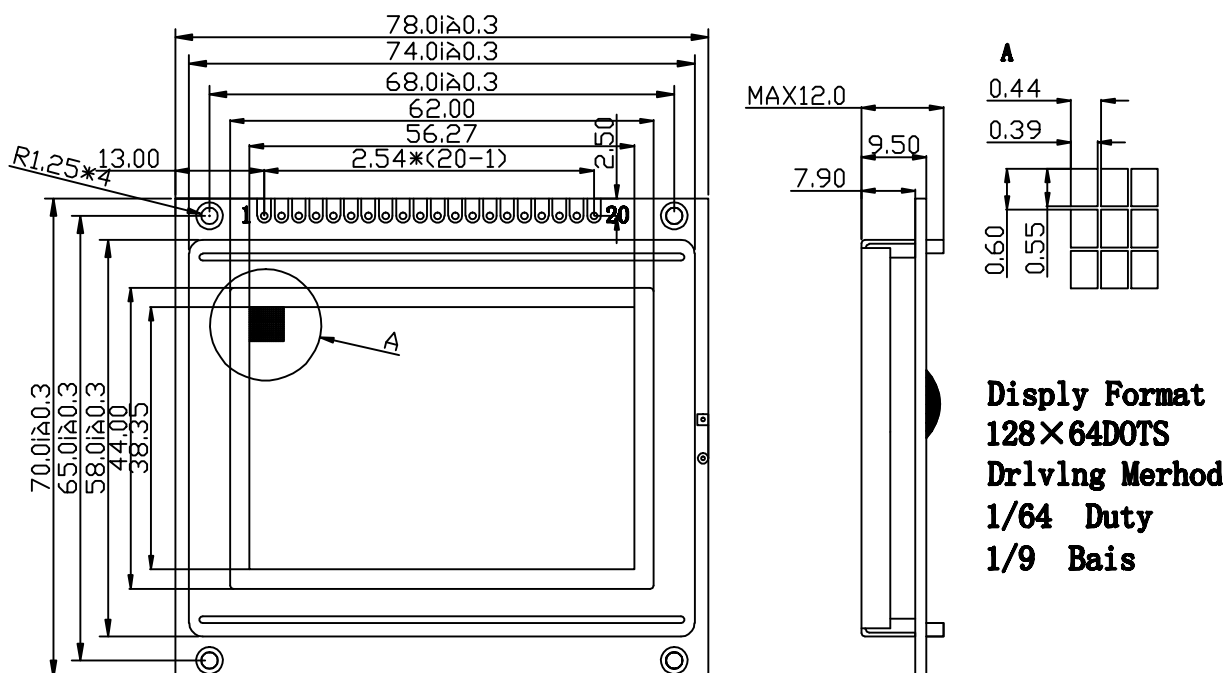


WSM12864-5ZK

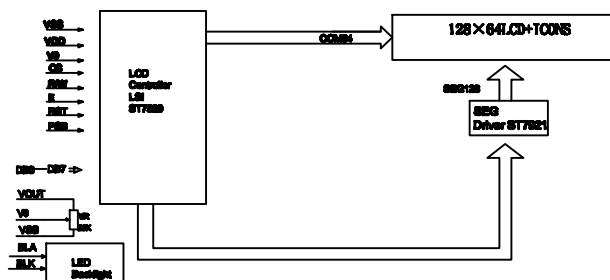
① PHYSICAL DIMENSION/外型尺寸



② FEATURES/特征

Feature(特征)				UNIT(单位)	
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue				
View Angle(视角)	6 0' clock				
Operating temperature(工作温度)	-20℃ —— 70℃				
Storage Temperature(贮存温度)	-30℃ —— 80℃				
Control IC & Package(控制芯片及封装)	ST7920 , COB				
Weight(重量)	69 (With B/L)			g	
Backlight(背光类型)	LED				
Ta=25℃					
MIN(最小)		TYP(典型)		MAX(最大)	UNIT(单位)
Supply current don't contain backlight(无背光时电流)		0	12.0		mA
VDD(电源)		-0.3	5.0	5.5	V
VLCD-V0(LCD驱动电压)		0	6.8		V
Backlight LED (背光电压, 电流)	侧背光	0	5.0	5.0	V
		0	75		mA
	底背光	0	5.0	5.5	V
		0	180		mA

④ BLOCK DIAGRAM/原理电路



③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述)
1	VSS	Power ground (地)
2	VDD	Power positive (逻辑电压)
3	V0	Operating voltage for LCD Driver(对比度调节)
4	CS	Chip select signal(片选)
5	R/W	Read or Write. (写数据)
6	E	Enable trigger. (使能信号)
7	DB0	Data bus [0~7]. There state I/O common terminal. (数据线0-7)
14	DB7	
15	PSB	H:Data L:Instruction Code(指令 数据信号)
16	NC	No connection
17	RST	Reset Signal (复位)
18	VOUT	Negative voltage output (负压输出)
19	BLA	Power supply for backlight(+) (背光正极)
20	BLK	Power supply for backlight(+) (背光负极)

⑤ ELUCIDATION/补充备注

1, contain the controller cent simplified Chinese character of the Chinese word database and traditional Chinese character
 [1, 含中文字库控制器分简体中文和繁体中文]