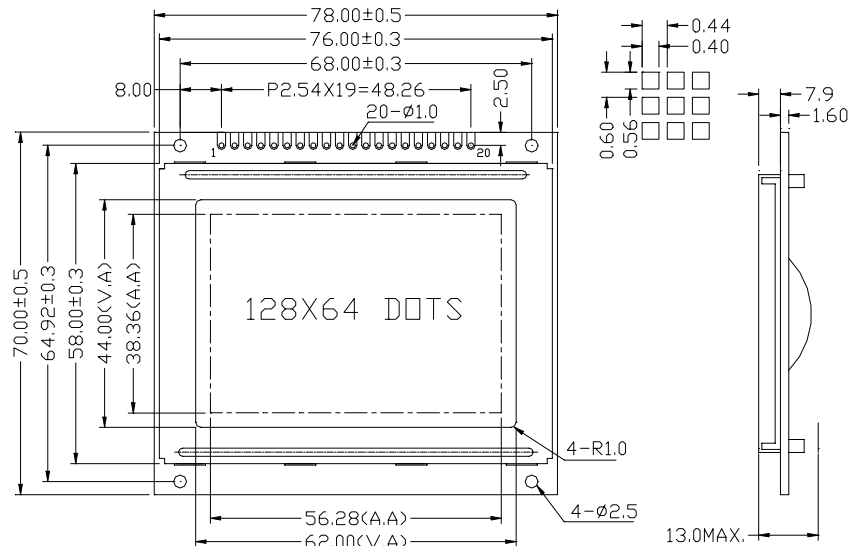
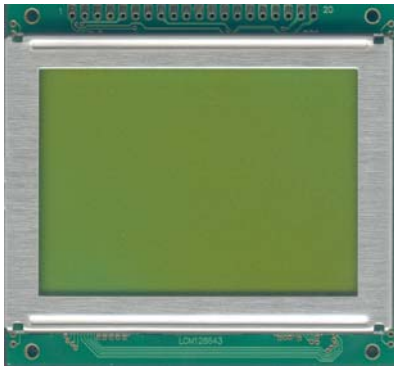


LCM128643(C)/4**外形尺寸/OUTLINE DIMENSIONS****机械规格和特征/MECHANICAL SPECIFICATIONS & FEATURES**

Item 项目	Normal Dimensions 常规尺寸(mm)	Feature 特征	
Module Size (W*H*T) 模块尺寸	78x70x13	LCD Type & Colour 液晶屏类型及颜色	STN: Yellow-Green、Blue, FSTN STN 黄绿模式、蓝模式, FSTN 黑白模式
View Area (W*H) 视域尺寸	62x44	View Angle 视角	6 O'clock 6:00 视角
Dots x Dots (W*H) 点数	128x64	Display Type 显示类型	Positive Type, Negative Type 正向显示, 负向显示
Dot Size (W*H) 点大小	0.40x0.56	Control IC & Package 控制芯片及封装	KS0107, COB
Dot Pitch (W*H) 点间距	0.44x0.60	Operating Temperature 工作温度	-20°C ~ 70°C
Backlight 背光	LED	Storage Temperature 储存温度	-30°C ~ 80°C

电参数/ELECTRICAL CHARACTERISTICS (工作电流为不含背光的液晶模块工作电流。/Supply current doesn't contain backlight.)

Item/项目	Symbol/符号	Test Condition/测试条件	Typ./典型值	Unit/单位
Operating Voltage/工作电压	Vdd	Ta=25°C	5.0	V
Supply Current/工作电流	Idd	Ta=25°C, Vdd=5.0V	7.0	mA

LCM128643(C)管脚说明/INTERFACE PIN CONNECTIONS

Pin	Symbol	Description (管脚描述)
1	/CS1	Chip select signal (片选信号)
2	/CS2	Chip select signal (片选信号)
3	VSS	Ground for Logic (地)
4	VDD	Power supply for Logic (逻辑电压)
5	VO	Power supply for LCD drive (对比度调节)
6	D/I	Register selection (指令/数据寄存器)
7	R/W	Read/Write selection (读写选择信号)
8	E	Enable signal for LCM (使能信号)
9~16	DB0~DB7	Data Bus lines (数据线 0~7)
17	SLA	Power supply for Backlight (+) (背光正极)
18	SLK	Power supply for Backlight (-) (背光负极)
19	/RST	Reset Signal (复位信号)
20	VOUT	Negative voltage output (负电源输出)

功能特点:

- LCM128643(C)/4 显示内容 128x64 点阵, 点大小 0.40x0.56mm², 点间距 0.04mm;
- 显示类型: STN 黄绿模式, 6:00 视角, 正向显示; STN 蓝模式, 6:00 视角, 负向显示; FSTN 黑白模式, 6:00 视角, 正向显示;
- LED 背光;
- 工作电压: 5V, 不含背光工作电流: 7.0mA (典型值);
- 工作温度: -20°C~70°C, 储存温度: -30°C~80°C;
- 控制器 KS0107, 芯片封装 COB。

注: LCM128644 的前 16 管脚与 LCM128643(C)一样, 其余为 17-/RST, 18-VOUT, 19-LED+, 20-LED-。

Note: Pin 1-16 of LCM128644 is the same to LCM128643(C), other Pins are 17-/RST, 18-VOUT, 19-LED+, 20-LED-.