



TM162G-1

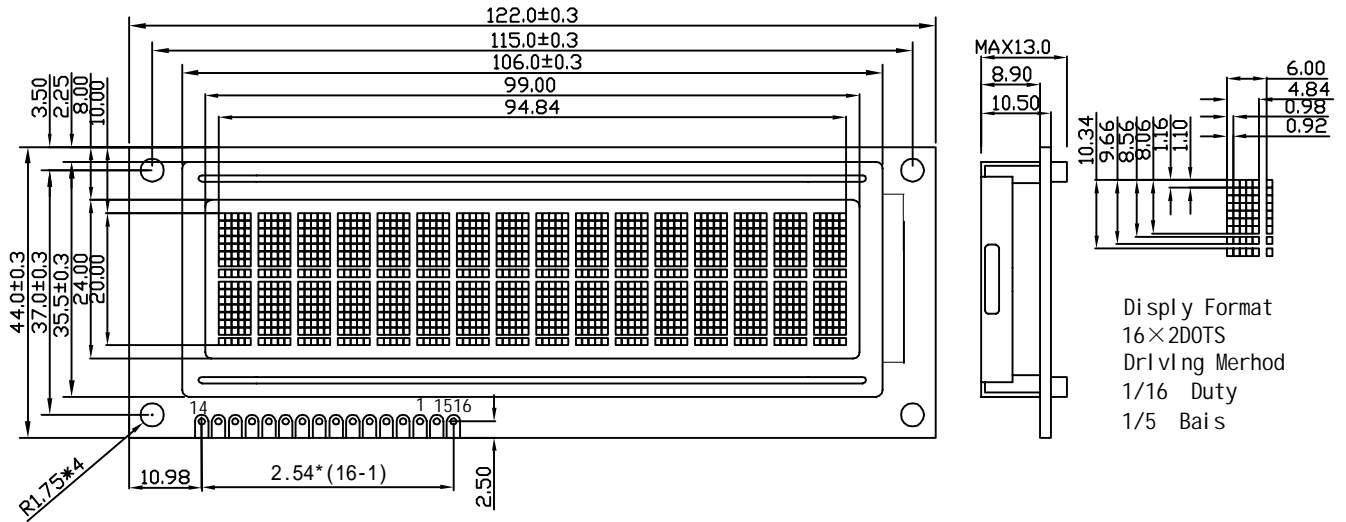
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① PHYSICAL DIMENSION/外型尺寸



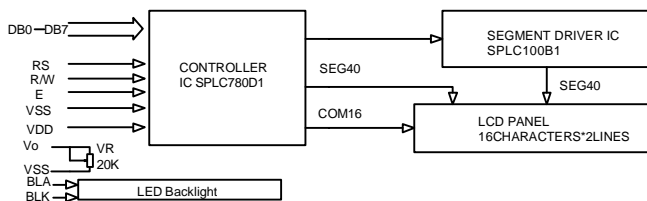
Display Format
16×2DOTS
Driving Method
1/16 Duty
1/5 Bias

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 O'clock
Operating temperature(工作温度)	-20°C ---- +70°C
Storage Temperature(贮存温度)	-30°C ---- +80°C
Control IC & Package(控制芯片及封装)	SPLC780D , COB
Weight(重量)	48 (With B/L)
Backlight(背光类型)	LED

Ta=25°C	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		4	mA	
VDD(电源)	-0.3	3.3	5.0	V	
VLCD-V0(LCD驱动电压)	0		5.0	V	
Backlight LED (背光电压, 电流)	侧背光	0	3.3	5.0	V
		0		37	mA
	底背光	0	3.3	5.0	V
		0		80	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5.0V)
3	V0	Operating voltage for LCD Driver(对比度调节)
4	RS	H:Data L:Instruction Code(指令 数据信号)
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)
8	DB1	
9	DB2	
10	DB3	
11	DB4	
12	DB5	
13	DB6	
14	DB7	
15	BLA/BLK	Power supply for backlight(+)(背光正极或者负极)
16	BLK/BLA	Power supply for backlight(-)(背光负极或者正极)

⑤ ELUCIDATION/补充备注