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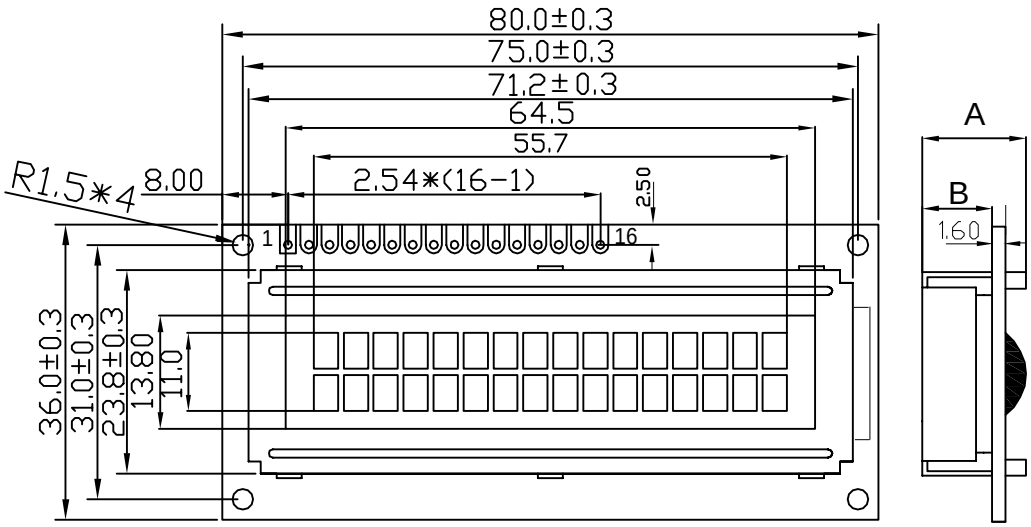
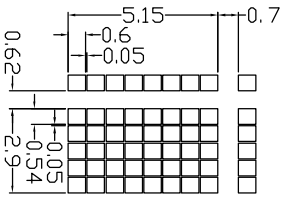
TM162A-3 V4.0

① PHYSICAL DIMENSION/外型尺寸



A	B
MAX: 9.0	5.0 低框 无背光
MAX: 11.0	7.0 中框 有背光
MAX: 11.5	7.5 中框 有背光
MAX: 13.0	9.0 高框 有背光



Disply Format
16×2DOTS
Drlvlng Merhod
1/16 Duty
1/5 Bais

② FEATURES/特征

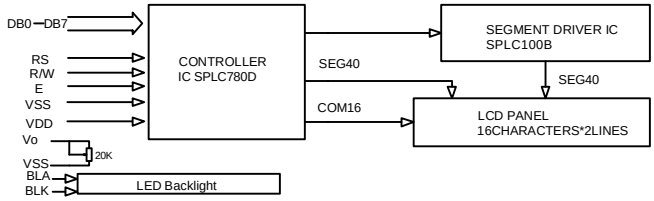
Feature(特征)		UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue	
View Angle(视角)	6 O'clock	
Operating temperature(工作温度)	-0℃ ---- 50℃	
Storage Temperature(贮存温度)	-10℃ ---- 60℃	
Control IC & Package(控制芯片及封装)	SPLC780D , COB	
Weight(重量)	32 (With B/L)	g
Backlight(背光类型)	LED	

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		4		mA
VDD(电源)		-0.3	3.3	5.0		V
VLCD-V0(LCD驱动电压)		0	5.0	5.0		V
Backlight LED (背光电压,电流)	侧背光	0	3.3	5.0		V
		0	18	18		mA
	底背光			5.0		V
				45		mA

③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述)
1	VSS	Power ground (地)
2	VDD	Power positive (+5.0V) (逻辑电压)
3	V0 (NC)	Fixed contrast (固定对比度)
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 ~ 14	DB0 ~ DB7	Data bus [0~7]. There state I/O common terminal.(数据线0-7)
15	BLA	Power supply for backlight(+5.0V) (背光正极)
16	BLK	Power supply for backlight(-) (背光负极)

④ BLOCK DIAGRAM/原理电路



⑤ ELUCIDATION/补充备注

此产品可兼容TM162A，支持3.3V和5.0V电压工作