



# TM162C-1

V2.0

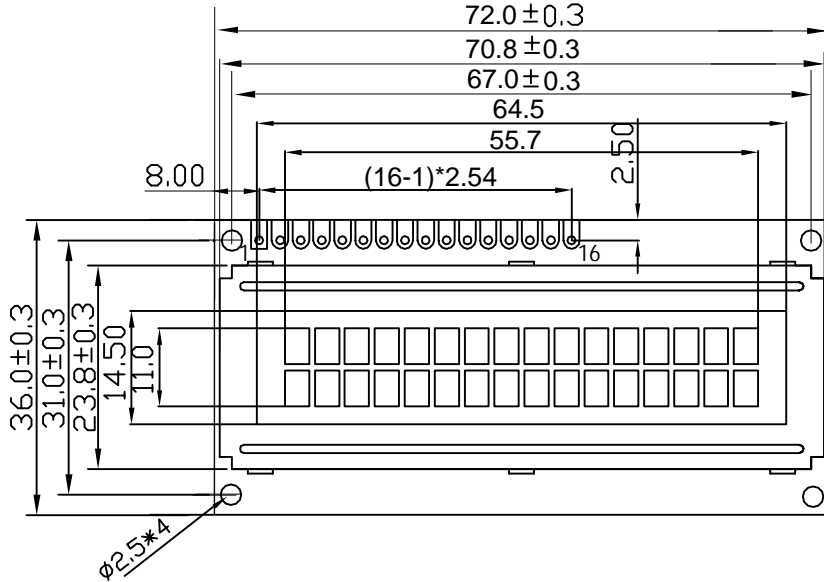
深圳市天广宽科技有限公司

Tel : 0755-83685744 23007596 Fax: 0755-23007597

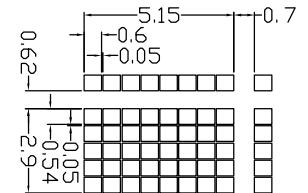
<http://www.tgkcd.com> E-mail : sg2966@163.com

销售公司地址: 深圳市福田区华强北路赛格广场二楼2834号

## 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



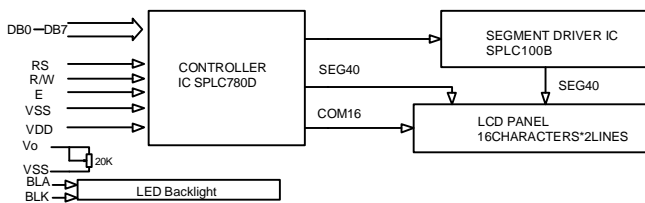
Display Format  
16×2DOTS  
Driving Method  
1/16 Duty  
1/5 Bias

## 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)	-0°C ----+50°C
Storage Temperature(贮存温度)	-10°C ----+60°C
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°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	5.0	V	
Backlight LED (背光电压, 电流)	侧背光	0	3.3	5.0	V
	底背光	0	18	18	mA
			5.0	V	
			45	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 (+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	DB0	Data bus [0-7]. There state I/O common terminal.(数据线0-7)
14	DB7	
15	BLA	Power supply for backlight(+5.0V) (背光正极)
16	BLK	Power supply for backlight(-) (背光负极)

## ⑤ ELUCIDATION/补充备注

此产品可兼容TM162A，支持3.3V和5.0V电压工作