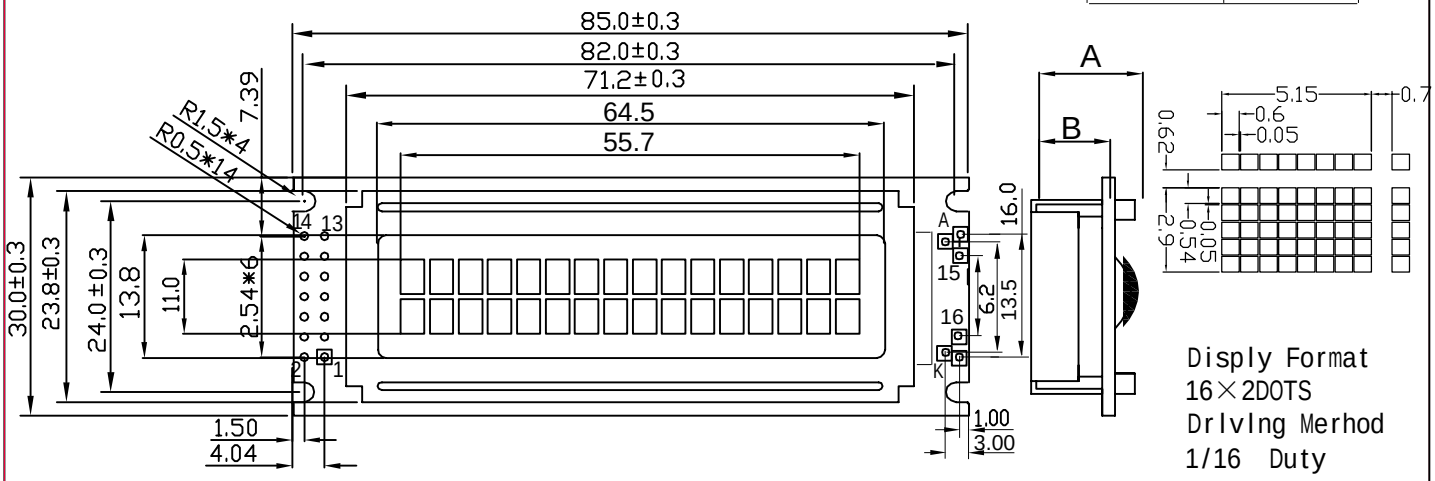
深圳市天广宽科技有限公司
Tel：0755-83685744 23007596 Fax:0755-23007597
http://www.tgklcd.com E-mail: sg2966@163.com
销售公司地址：深圳市福田区华强北路赛格广场二楼2834号

TM162V-2

V3.0

① PHYSICAL DIMENSION/外型尺寸

A	B
MAX9.0	5.0 低框
MAX11.5	7.5 中框
MAX13.0	9.0 高框



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

② FEATURES/特征

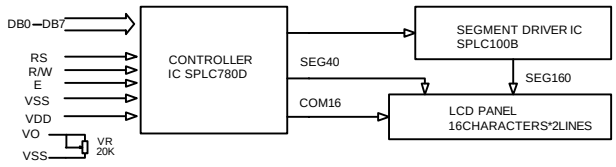
Feature(特征)		UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue	
View Angle(视角)	6 O'clock	
Operating temperature(工作温度)	-0℃ ---- 50℃	
Storage Temperature(贮存温度)	-10℃ ---- 60℃	
Control IC & Package(控制芯片及封装)	SPLC780D , COB	
Weight(重量)	21 (With B/L)	g
Backlight(背光类型)	LED	

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		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		5.0		V
		0		20		mA
	底背光			5.0		V
				60		mA

③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述)
1	VCC	Power positive(逻辑电压)
2	VSS	Power ground (地)
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 ~ 14	DB0 ~ DB7	Data bus [0~7]. There state I/O common terminal.(数据线0-7)
15	BLA	Power supply for backlight(+)(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