

# SYB12232E

v1.0

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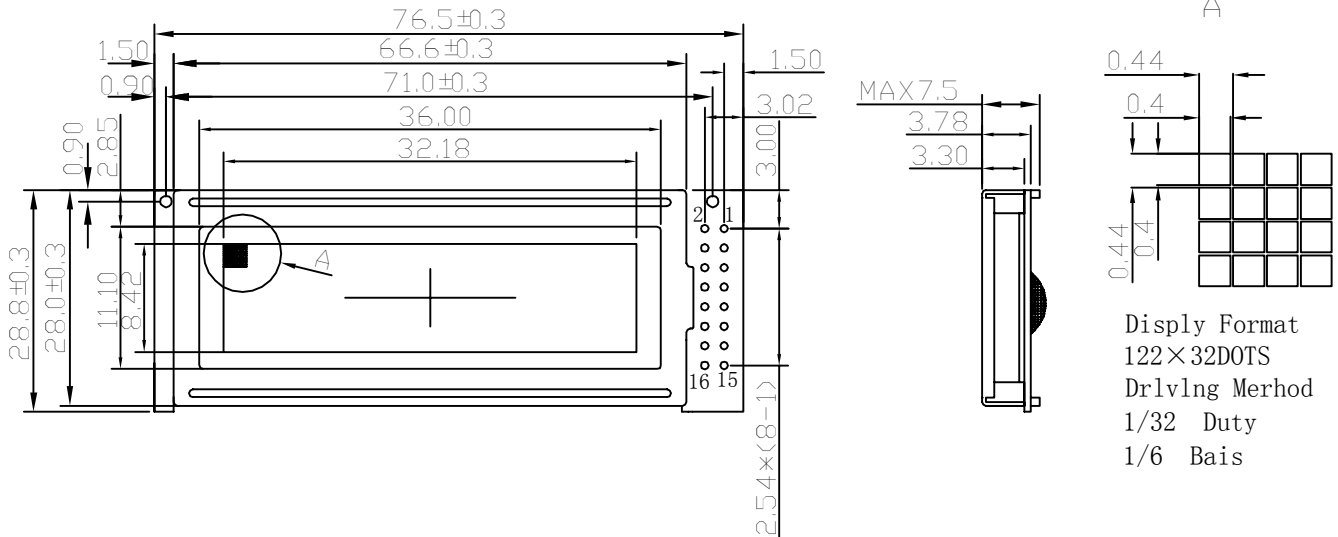
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## ① PHYSICAL DIMENSION/外型尺寸

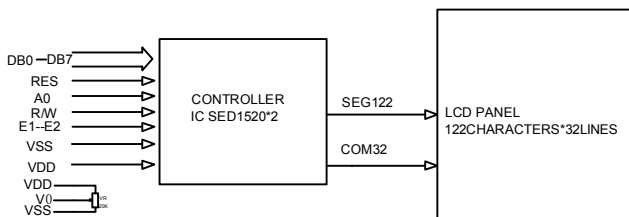


## ② FEATURES/特征

Feature(特征)	UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue
View Angle(视角)	6 0' c'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)	SED1520 , COB
Weight(重量)	21 (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	8		mA
VDD(电源)	-0.3	5.0	5.5	V
VLCD-V0(LCD驱动电压)	0	4.7	5.3	V
Backlight LED (背光电压,电流)	侧背光	0	5.0	V
	底背光	0	25	mA
		0	5.0	V
	0	120	mA	

## ④ BLOCK DIAGRAM/原理电路



## ③ PIN CONFIGURATION/管脚说明

ITEM	SYMBOL	DESCRIPTION
1	VDD	Power positive (逻辑电压)
2	VSS	Power ground (地)
3	V0	Operating voltage for LCD Driver(对比度调节)
4	RES	Reset Signal (复位)
5	E1	Enable trigger. (使能信号1)
6	E2	Enable trigger. (使能信号2)
7	R/W	Read or Write. (写数据)
8	A0	H:Data L:Instruction Code(指令 数据信号)
9	DB0	Data bus [0~7]. There state I/O common terminal. (数据线0-7)
10	DB1	
11	DB2	
12	DB3	
13	DB4	
14	DB5	
15	DB6	
16	DB7	

## ⑤ ELUCIDATION/补充备注

1. Manifestation cent cent hold manifestation with whole hold manifestation Two kinds, attention press to need to be choose!

1. 显示分全屏显示和分屏显示两种, 注意按需要选择!