



# TM204A-1

V1.0

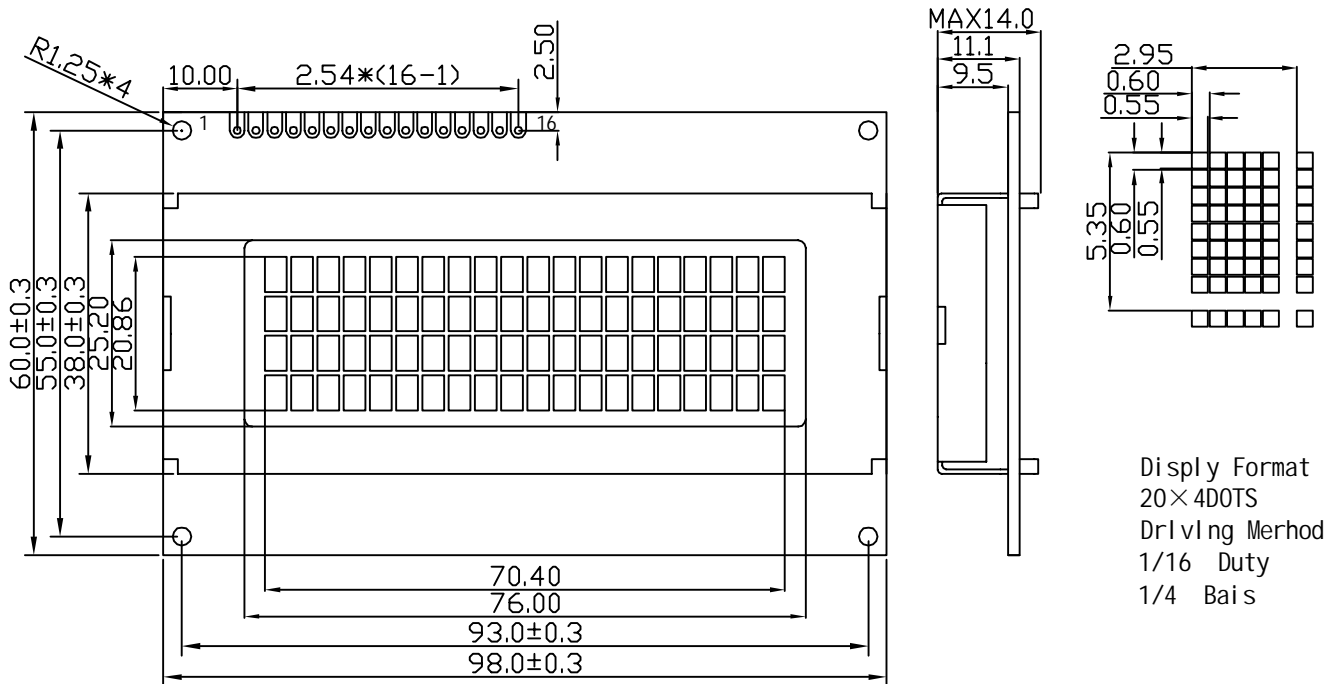
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## ① PHYSICAL DIMENSION/外型尺寸

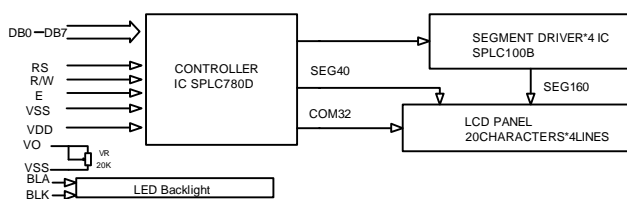


## ② FEATURES/特征

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° 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)	69 (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		8	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
	底背光	0	35	35	mA
		0	5.0	V	
		0	60	mA	

## ④ BLOCK DIAGRAM/原理电路



Character located	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DDRAM address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	10	11	12	13
DDRAM address	40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F	50	51	52	53
DDRAM address	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	20	21	22	23	24	25	26	27
DDRAM address	54	55	56	57	58	59	5A	5B	5C	5D	5E	5F	60	61	62	63	64	65	66	67

## 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)	
14	DB7		
15	BLA		Power supply for backlight(+)(背光正极)(5.0V)
16	BLK		Power supply for backlight(-)(背光负极)

## ⑤ ELUCIDATION/补充备注