RC 4004-A OKAYA \mathbf{Y} 0 outline dimension & i痰昏咳嗽 电话. 020-33819057 Http://www.lcdfriends.com ⊢H1 _16-ø1.0 PAD16-ø1.8 4-ø3.5 - H2 .54 -2.0 T -4-ø1.0 ষ κ 15 16 -15.0-- 54 0±0 ---- 47 0--(P2 54 x -23 16 -29 5 -•17 78 חחר 4 A JUL 18.11 \oplus Φ 140.45 -2.95 1.6 3.5 147.0 166.5 11.75 95.0 COM 16 E1 LCD PANEL COM 16 LCD DB7 -3.53-CONTROLLER SEG 40 13 -2.78⊣ DB0 SEG 160 R/W RS Vss Vdd Vo CONTROL SIGNALS 2 x 2 0.5 SEGMENT DRIVER x 2 0.07 13 **SEG 40** LCD CONTROLLER LSI2 CONTROL SIGNALS 2 x 2 SEG 160 / SEGMENT DRIVER x 2 E2 -4.89-.60.9 VEE -NEGATIVE VOLTAGE GENERATER

The tolerance unless classified ± 0.3 mm

MECHANICAL SPECIFICATION								
Overall Size	190.0 x 54.0	Module	H2 / H1					
View Area	147.0 x 29.50	W /O B/L	4.5 / 9.1					
Dot Size	0.50 x 0.55	EL B/L	4.5 / 9.1					
Dot Pitch	0.57 x 0.62	LED B/L	9.0 / 13.6					

LED BACKLIGHT

PIN ASSIGNMENT						
Pin no.	Symbol	Function				
1	DB7	Data bus line				
2	DB6	Data bus line				
3	DB5	Data bus line				
4	DB4	Data bus line				
5	DB3	Data bus line				
6	DB2	Data bus line				
7	DB1	Data bus line				
8	DB0	Data bus line				
9	E1	Enable 1				
10	R/W	Data read / write				
11	RS	Register select signal				
12	Vo	Contrast Adjust				
13	Vss	Power supply(GND)				
14	Vdd	Power supply(+)				
15	E2	Enable 2				
16	Vee	Negative voltage				
17	А	Power supply for LED B/L (+)				
18	К	Power supply for LED B/L (-)				

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ABSOLUTE MAXIMUM RATING										
Item	Symbo	ol Condit	Condition		Min.		Max.		Units	
Supply for logic voltage	Vdd-Vs	ss 25°0	25°C		-0.3		7		V	
LCD driving supply voltage	Vdd-Ve	e 25°0	25°C		-0.3		13		V	
Input voltage	Vin	25°0	C _C).3 V		Vdd+0.3		V	
ELECTRICAL CHARACTERISTICS										
Item	Symbol	Condition	N	1in.	Тур	ical	N	lax.	Units	
Power supply voltage	Vdd-Vss	25 ⁰ C	2.7		-	- 5.		.5	V	
LCD operation voltage	Vop	Тор	Ν	W	N	W	N	W	V	
		-20 ⁰ C	-	7.1		7.5	-	7.9	V	
		0°C	4.8	9	4.8	_	4.9	-	V	
		25 ⁰ C	4.5	6.1	4.6	6.4	4.7	6.7	V	
		50 ⁰ C	4.4	-	4.5	_	4.6	-	V	
		70 ⁰ C	_	5.7	—	6	-	6.3	V	
LCM current consumption (No B/L)	ldd	Vdd=5V	_		4		7		mA	
Decidiant computer	LED/edge	VB/L=4.2V	_		_		-		mA	
Backlight current consumption	LED/array	VB/L=4.2V	-		220		_		mA	