Mechanical Data

Item	Standard Value	Unit
Module Dimension	55.7 x 32.0	mm
Viewing Area	46.0x14.5	mm
Mounting hole	31.2x 30.0	mm
Character Size	2.65 x 5.50	mm

Absolute Maximum Rating

Item	Symbol	Stan	Unit			
item	Syllibol	min.	typ.	max.	Onit	
Power Supply	VDD-VSS	-0.3		7.0	V	
Input Voltage	VI	-0.3		VDD	V	

Note: VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Stan				
iteiii	Symbol	Condition	min. typ. max		max.	Unit	
Input Voltage	VDD	VDD=+5V	4.7	5.0	5.3	٧	
Supply Current	IDD	VDD=+5V		1.3	1.5	mA	
	VDD-V0	-20°C	4.9	5.2	5 .5		
Recommended LC Driving Voltage for Normal Temp. Version module		0°C	4.5	4.8	5.1		
		25°C	4.1	4.4	4.7	V	
		50℃	3.8	4.2	4.4		
		70°C	3.5	4.0	4.1		
LED Forward Voltage	VF	25°C		4.2	4.6	٧	
LED Forward Current	IF	25°C		40	80	mΑ	

Display Character Address Code:

Display position	1	2	2	1	5	c

	1	2	3	4	5	6	7	8	9	10	440	4
DD RAM Address	00	01		Ė		Ť	Ė	Ť	Ť	A		0
DD RAM Address	40	41							- 3	3		40

Feature

- 1.5x8 dots includes cursor
- 2. Built-in controller (KS 0066 or Equivalent)
- 3.+5V power supply
- 4.1/16 duty cycle
- 5. LED to be driven by pin1, pin2, or A and K

		on by pinn, pinz, or A and A
Pin NO.	Symbol	Function
1	Vss	GND
2	Vdd	+ 5V
3	Vo	Contrast Adjustment
4	RS	H/L Register select signal
5	R/W	H/L Read / write signal
6	E	H→L Enable signal
7	DB0	H/L Data bus line
8	DB1	H/L Data bus line
9	DB2	H/L Data bus line
10	DB3	H/L Data bus line
11	DB4	H/L Data bus line
12	DB5	H/L Data bus line
13	DB6	H/L Data bus line
14	DB7	H/L Data bus line
15	Α	4.2V for LED (RA=O Ω)

Character type

RC1202A 12x2 Character

Dimension drawing

