

Your Best Partner of the Display Solutions

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0x36.0	mm
Viewing Area	66.0x16.0	mm
Mounting hole	75.0x31.0	mm
Character Size	3.07x6.56	mm

Absolute Maximum Rating

	Item	Symbol	Stan	11		
			min.	typ.	max.	Unit
	Power Supply	VDD-VSS	-0.3		7.0	٧
	Input Voltage	VI	-0.3		VDD	٧

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

Electronical Characteristics

Item	Symbol	Condition		dard `	11	
Itom	Symbol	Condition	min.	typ.	max.	Unit
Input Voltage	VDD	VDD=+5V	4.7	5.0	5.3	٧
Supply Current	IDD	VDD=5V		1.2	1.4	mΑ
Recommended LC Driving Voltage for Normal Temp. Version module		-20°C	4.9	5.1	5.5	
		0°C	4.5	4.8	5.1	
	VDD-V0	25°C	4.1	4.5	4.7	V
		50°C	3.8	4.2	4.4	
		70°C	3.5	3.9	4.1	
LED Forward Voltage	VF	25°C		4.2	4.6	V
LED Forward Current	IF	25°C		130	260	mA
EL Power Supply Current	IEL	Vel=110VAC;400Hz			5.0	mΑ

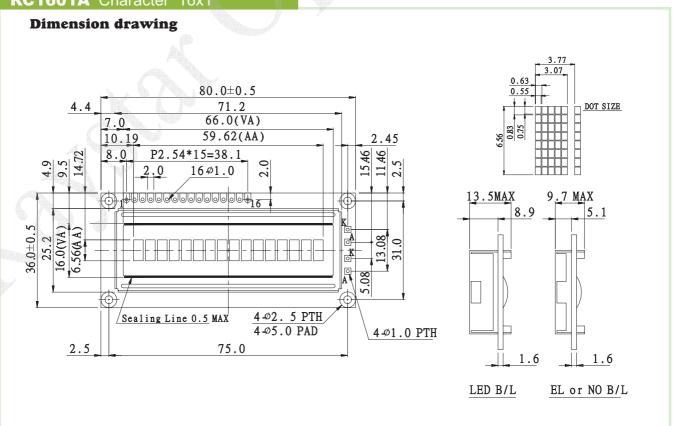
Display Character Address Code:

RC1601A Character 16x1

Feature

- 1. 5x8 dots includes cursor
- 2. Built- in controller (KS 0066 or Equivalent)
- 3. +5V power supply (Also available for +3V)
- 4.1/16 duty cycle
- 5. LED can be driven by pin1,pin2,pin15,pin16 or A and K
- 6. N.V. Optional For +3V power supply

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)
16	K	Power supply for B/L (0V)



Character type