

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	56x24	mm
Viewing Area	31.6x15.1	mm
Mounting hole	50x18	mm
Character Size	4.91x3.0	mm

### Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	---	5	5.5	V
Input Voltage	VI	-0.3	---	VDD	V

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

### Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	VDD=+5V	---	---	---	V
Supply Current	IDD	VDD=+5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	---	---	5.5	V
		0°C	---	---	4.8	
		25°C	---	4.5	---	
		50°C	4.2	---	---	
		70°C	3.8	---	---	

### Display Character Address Code:

Display position

	1	2	3	4	5	6	7	8
DD RAM Address	00	01	02	03	04	05	06	07
DD RAM Address	40	41	42	43	44	45	46	47

### Feature

1. 5x8 dots includes cursor
2. Built-in controller (KS 0066 or Equivalent)
3. +5V power supply
4. 1/16 duty cycle
5. EL inverter built-in optional

Pin NO.	Symbol	Function
1	VSS	GND
2	VDD	Power supply for logic
3	Vo	Operating voltage LCD driving
4	RS	Register select signal
5	R/W	H/L Read / write signal
6	E	H→L Enable signal
7	DB4	Data bus line
8	DB5	Data bus line
9	DB6	Data bus line
10	DB7	Data bus line
11	K	Power supply for B/L
12	K	Power supply for B/L
13	A	Power supply for B/L
14	A	Power supply for B/L
15	BLE	H:EL enable L:EL disable
16	NC	No connection
17	DB0	Data bus line
18	DB1	Data bus line
19	DB2	Data bus line
20	DB3	Data bus line

Character type

## RC0802B 8x2 Character

### Dimension drawing

