Mechanical Data

Item	Standard Value	Unit
Module Dimension	180.0x72.0x14.0(Max)	mm
Viewing Area	131.0x38.0	mm
Dot Size	0.50x0.50	mm
Mounting hole	0.53x0.53	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	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	L level	---	---	0.3	V
	VIO	H level	0.7VDD	---	VDO	mA
Supply Current	IDD	VDD=5V	13.0	18.5	21.0	
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	12.5	13.5	14.1	V
		0°C	12.1	13.1	13.7	
		25°C	11.1	12.7	13.3	
		50°C	9.1	12.3	13.0	
		70°C	---	11.6	12.8	
LED Forward Voltage	VF	25°C	---	4.2	4.6	V
LED Forward Current	IF	25°C	---	450	900	mA
CCFL	VF	25°C	---	215	610	
	IF	25°C	---	--	5.0	
EL Power Supply Current	IEF	Vel=110VAC;400Hz	---	---	5.6	mA

Feature

1. 240x64 dots includes cursor
2. controller(RA6963 or Equivalent)
3. Built-in N/V (option)
4. 1/64 duty cycle

Pin NO.	Symbol	Function
1	FGND	Frame Ground
2	Vss	GND
3	Vdd	Power Supply
4	VO	Contrast Adjustment
5	/WR	Date write
6	/RD	Date read
7	/CE	Chip enable
8	C/D	Command / DATE
9	VEE	Negative Voltage output
10	RES	Controller reset
11	DB0	Data bus line
12	DB1	Data bus line
13	DB2	Data bus line
14	DB3	Data bus line
15	DB4	Data bus line
16	DB5	Data bus line
17	DB6	Data bus line
18	DB7	Data bus line
19	FS	Pins for selection of font; H : 6 * 8 , L : 8 * 8
20	MS	H:Reverse L:Normal

RG24064B Graphic 240x64 dots

Dimension drawing

240*64 DOTS