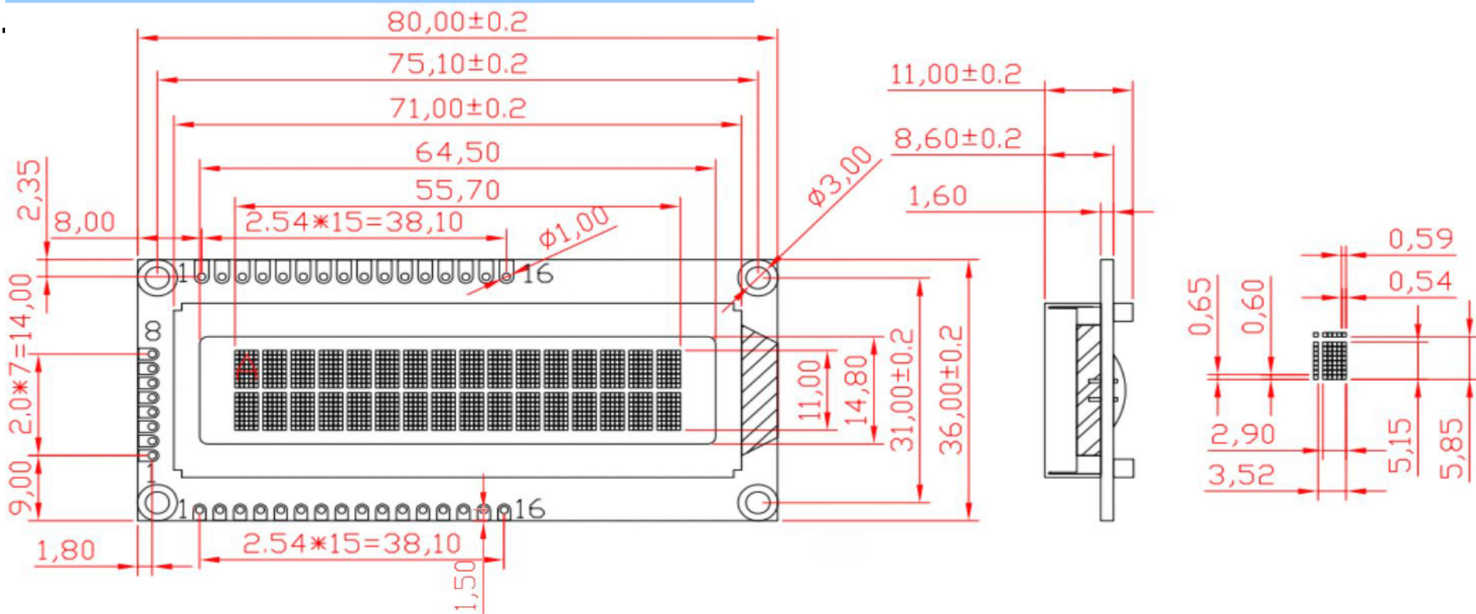


# BJ1602A2



## MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W×H×T)	80.0×36.0×11.0	mm
Viewing Area(W×H)	64.0×14.8	mm
Dot Pitch(W×H)	0.60×0.65	mm
Dot Size(W×H)	0.56×0.61	mm

## ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.8	5.0	5.2	V
Operating Current	IDD	9.7	11.7	14.5	mA
LED Voltage	V <sub>LED</sub>	4.8	5.0	5.2	V
LED Current	I <sub>LED</sub>	9	15	18	mA
Operating Temp	T <sub>opr</sub>	-20	—	+70	°C
Storage Temp	T <sub>sto</sub>	-30	—	+80	°C

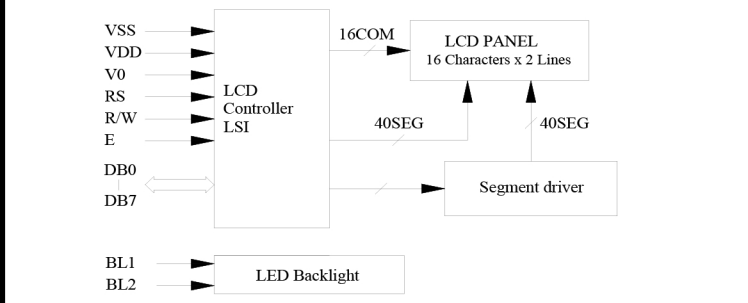
## ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Type	Max	Unit
Input High Voltage	V <sub>IH</sub>	2.2	—	VDD	V
Input Low Voltage	V <sub>IL</sub>	0	—	0.6	V
Output High Voltage	V <sub>OH</sub>	2.4	—	VDD	V
Output Low Voltage	V <sub>OL</sub>	0	—	0.4	V

## PIN CONNECTIONS

PIN	Level	Function
1	GND	GND(0V)
2	VDD	Supply Voltage for Logic(+5V)
3	V0	Power supply for LCD
4	RS	H/L: H: Data; L: Instruction Code
5	R/W	H/L: H: Read; L: Write
6	E	Enable Signal
7	DB0	Data Bus Line
8	DB1	
9	DB2	
10	DB3	
11	DB4	
12	DB5	
13	DB6	
14	DB7	
15	BL1	Backlight Power(+5V)
16	BL2	Backlight Power(0V)

## BLOCK DIAGRAM



## POWER SUPPLY

