

BC1602AR



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller RW1063
4. +5V single power supply
5. 1/16 duty cycle
6. LED B/L pins: 15/16, or A/K or 1/2
7. Option: LED edge / array B/L
8. Option: +3.0V single power supply
9. Option: Negative voltage
10. SPI interface only



Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
View Area	66.0 x 16.0	mm
Dot Size	0.56 x 0.66	mm
Dot Pitch	2.95 x 5.56	mm

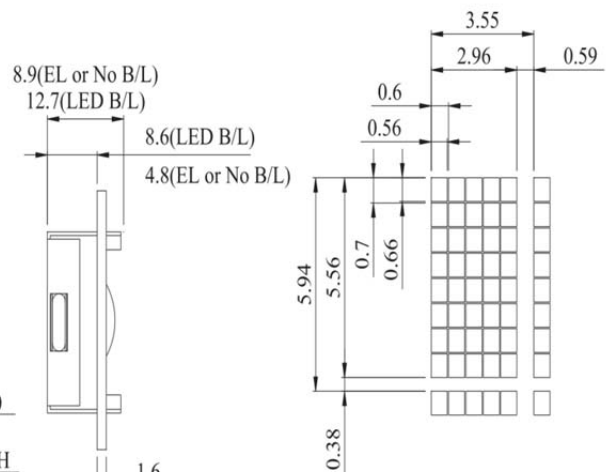
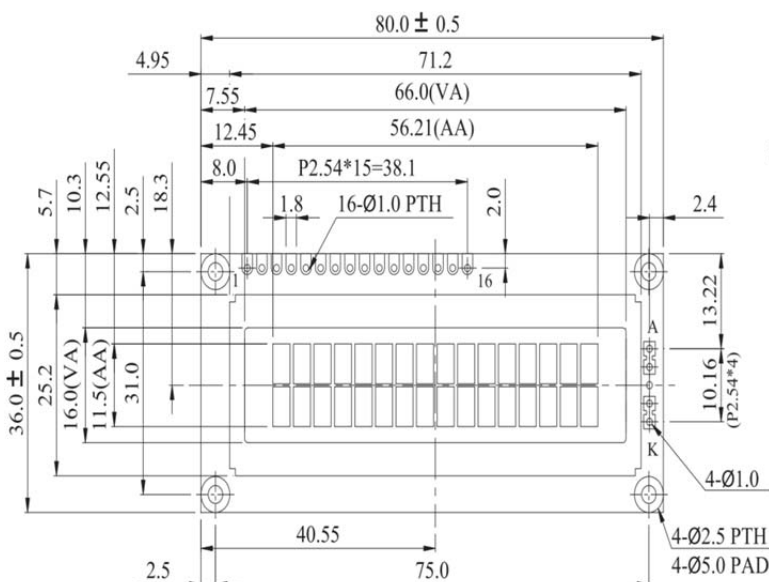
Pin Assignment

Pin	Symbol	Function
1	Vss	Ground
2	Vdd	+5V(+3V option)
3	Vo	Contrast control
4	RS	H/L register select signal
5~11	NC	No connection
12	CSB	Chip selection, active Low
13	SCLK	Serial clock input
14	SID	Serial data input
15	A	Power supply for B/L (+) / Negative voltage output
16	K	Power supply for B/L (GND)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	VDD	VDD=+5V	5.0	V
Supply Current	IDD	VDD=+5V	3.0	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.0	V
LED Forward Voltage(white)	VF	25°C	3.1	V
LED Forward Current	IF	25°C	13.0	mA

Dimension



DOT SIZE
SCALE 5/1

