

# Optima

## OC2002A

### ◎ Feature

Item	Info.
Resolution	20*2
Power supply	5V
Interface	6800
IC	ST7066
Duty / Bias	1/16 Duty / 1/5 Bias
Option	-

### ◎ Mechanical Data (unit: mm)

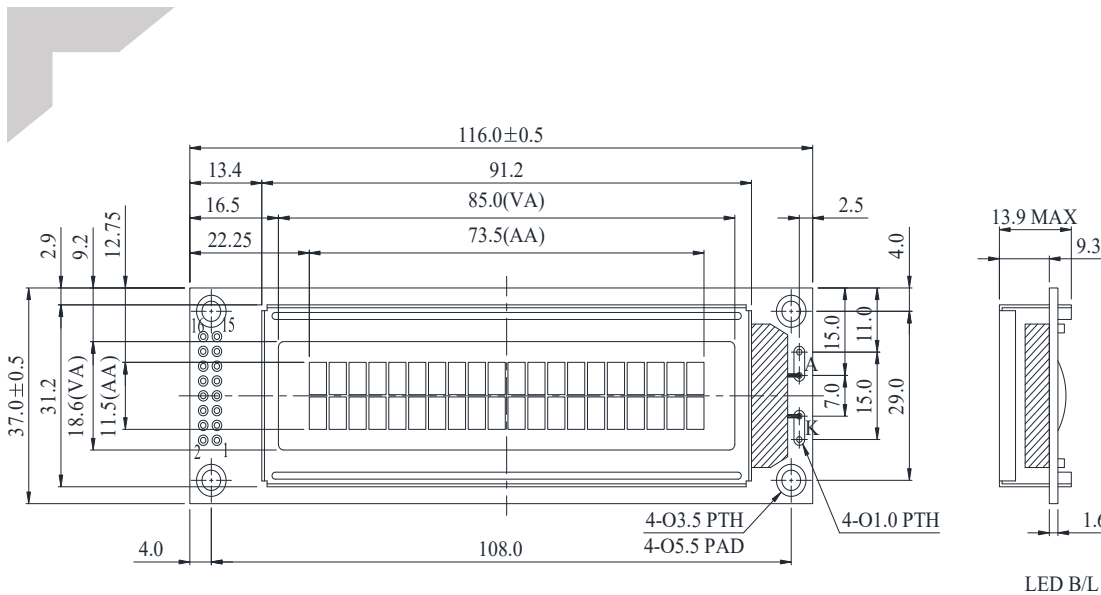
Item	Dimension
Module dimension	116.0 x 37.0
View area	85.0 x 18.6
Active area	73.50 x 11.50
Dot pitch	0.65 x 0.7

### ◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	4.5	5.0	5.5
Voltage for Backlight	-	4.2	-

### ◎ Temperature Range (unit: °C)

Item	Min	Typ	Max
Operating Temp.	-20		70
Storage Temp.	-30		80



PIN NO.	SYMBOL
1	V <sub>SS</sub>
2	V <sub>DD</sub>
3	V <sub>O</sub>
4	RS
5	R/W
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	A/V <sub>EE</sub>
16	K