

# Optima

OG14432B

## ◎ Feature

Item	Info.
Resolution	144*32
Power supply	5V
Interface	6800
IC	ST7920
Duty	1/32 Duty
Option	-

## ◎ Mechanical Data (unit: mm)

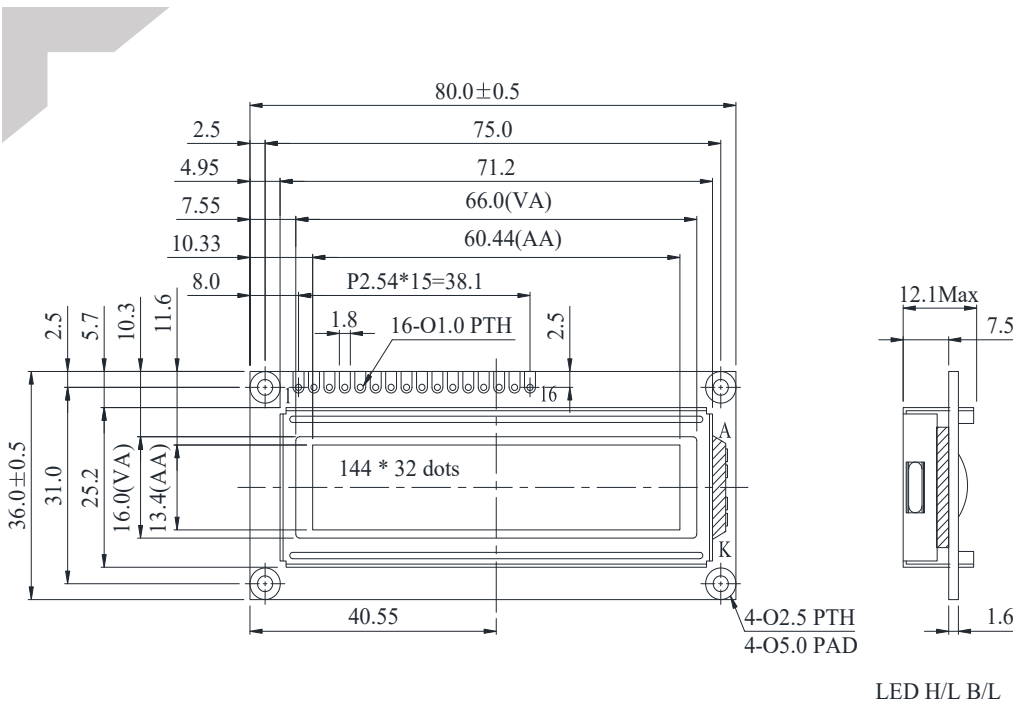
Item	Dimension
Module dimension	80.0 x 36.0
View area	66.0 x 16.0
Active area	60.44 x 13.40
Dot pitch	0.42 x 0.42

## ◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	4.5	5.0	5.5
Voltage for Backlight	-	3.5	-

## ◎ 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