

## UL1602AU1 CHARACTER OLED Display

Dear Valued Customer,

We are proud to introduce UJ Light's advanced 16x2 Character OLED Display which built-in font table, software and hardware compatible with STN LCD.

### Specifications

- **Resolution:** 16 character × 2 line
- **Display Size:** 80 × 36 mm
- **Color Depth:** Yellow, White colors
- **Controller IC:** Built-in controller
- **Power Supply:** +5 V
- **Interface:** Parallel(80,68 series) / SPI/ I2C



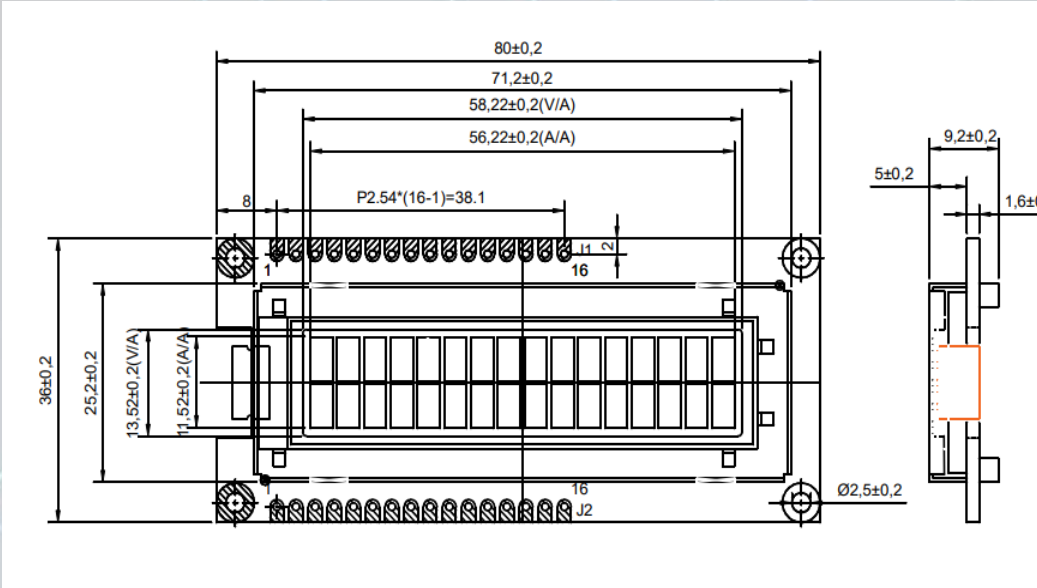
### Key Features

- **Pinout and Size** - same as UJLight LCD item no.BC1602A  
<https://www.ujlight.com.tw/16x2-character-lcd-display-bc1602a.html>
- **High-Contrast ratio** - 10000:1
- **Wide Viewing Angle** - All view angle
- **Fast Response Time** - Smooth and seamless image transitions
- **Excellent Durability** - Supports wide operating temperature range (-40 °C to +80 °C)
- **Built-in font-** ASCII, English, Russian, European, and Japanese character

### Applications

- **Industrial Applications:** Test instruments, various meters, voltage measuring equipment
- **Medical Devices:** Glucose meters, blood pressure monitors, and other precision sensing devices

## Drawing



Pin	Symbol
1	Vss
2	Vdd
3	Vo
4	RS
5	R/W
6	E
7~14	DB0~7
15	
16	

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