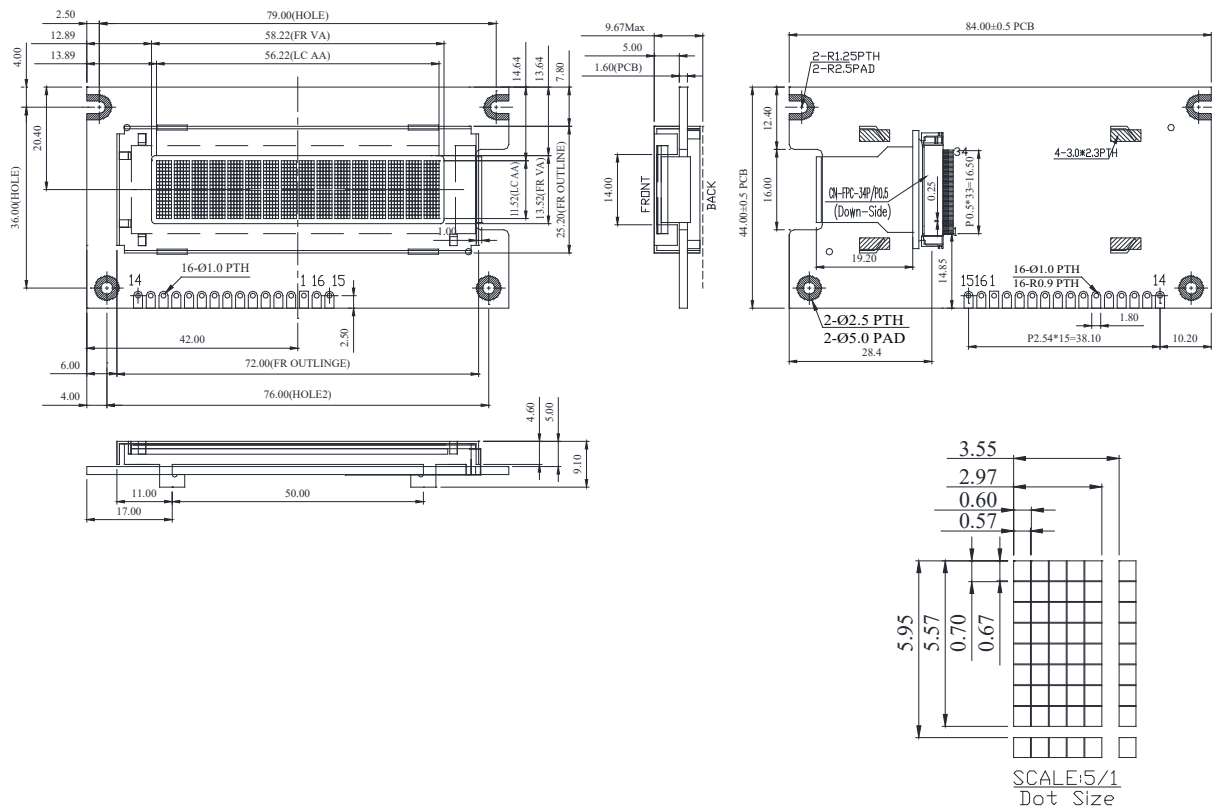


# TE0001602G OLED Character 16x2



## Feature

1. 16 characters x 2 Lines
2. Built-in controller SSD1311M1Z
3. 3V, 5V Power supply
4. 1/16 duty
5. Interface: 6800, 8080, SPI, I2C
6. Polarizer optional

| Pin No. | Symbol | Description        |
|---------|--------|--------------------|
| 1       | VSS    | Ground Pin         |
| 2       | VDD    | Voltage for logic  |
| 3       | NC     | No Connection      |
| 4       | RS     | Register Select    |
| 5       | R/W    | Read/Write Control |
| 6       | E      | Chip Enable Signal |
| 7       | DB0    | Data Bus           |
| 8       | DB1    | Data Bus           |
| 9       | DB2    | Data Bus           |
| 10      | DB3    | Data Bus           |
| 11      | DB4    | Data Bus           |
| 12      | DB5    | Data Bus           |
| 13      | DB6    | Data Bus           |
| 14      | DB7    | Data Bus           |
| 15      | NC     | No Connection      |
| 16      | NC     | No Connection      |

## Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 84.4 x 44.0    | mm   |
| Viewing Area     | 58.22 x 13.52  | mm   |
| Active Area      | 56.22 x 11.52  | mm   |
| Dot Pitch        | 0.60 x 0.70    | mm   |
| Dot Size         | 0.57 x 0.67    | mm   |

## Electrical Characteristics

| Item          | Symbol | Condition | Standard Value |           |           | Unit |
|---------------|--------|-----------|----------------|-----------|-----------|------|
|               |        |           | min.           | typ.      | max.      |      |
| Input Voltage | VDD    | ---       | 2.8 / 4.8      | 3.0 / 5.0 | 3.3 / 5.3 | V    |