**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

**Mechanical Data**

<table>
<thead>
<tr>
<th>Item</th>
<th>Standard Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Dimension</td>
<td>68.5 x 17.5</td>
<td>mm</td>
</tr>
<tr>
<td>Viewing Area</td>
<td>58.22 x 13.52</td>
<td>mm</td>
</tr>
<tr>
<td>Active Area</td>
<td>56.22 x 11.52</td>
<td>mm</td>
</tr>
<tr>
<td>Dot Pitch</td>
<td>0.60 x 0.70</td>
<td>mm</td>
</tr>
<tr>
<td>Dot Size</td>
<td>0.57 x 0.67</td>
<td>mm</td>
</tr>
</tbody>
</table>

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
<th>Condition</th>
<th>Standard Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>VDD</td>
<td>---</td>
<td>2.8 / 4.8</td>
<td>V</td>
</tr>
</tbody>
</table>

**Feature Mechanical Data**

- **Pin No.**
  - 1,33 NC
  - 2 VSL
  - 3 VSS
  - 4 REGVDD
  - 5 SHLC
  - 6 SHEL
  - 7 VDD
  - 8 VDDO
  - 9 BS0
  - 10 BS1
  - 11 BS2
  - 12 GPIO
  - 13 CS#
  - 14 RES#
  - 15 D/C#
  - 16 R/W#
  - 17 E(RD#)
  - 18~25 DO~D7
  - 26 IREF
  - 27 ROM0
  - 28 ROM1
  - 29 OPR0
  - 30 OPR1
  - 31 VCOMH
  - 32 VCC

- **Symbol**
  - SEG voltage refer Pin
  - Ground Pin
  - Internal VDD regulator
  - COM Scan Direction
  - SEG Scan Direction
  - Voltage for logic
  - Voltage for interface logic
  - Interface Selection
  - Interface Selection
  - Interface Selection
  - Chip Select Pin
  - Reset Signal Pin
  - Data/Command Control Pin
  - Read/Write Control
  - Chip Enable Signal
  - Data Bus
  - SEG Current Refer Pin
  - Character ROM selection
  - Character ROM selection
  - Character RAM selection
  - Character RAM selection
  - COM deselected level
  - Panel driving voltage