**Feature**

1. 128*64 Dot Matrix
2. Built-in controller SSD1309ZC
3. 3V Power supply
4. 1/64 duty
5. Interface: 6800, 8080, SPI, I2C
6. Polarizer optional

**Pin No.** | **Symbol** | **Description**
--- | --- | ---
1 | NC | No Connection
2 | VSS | Ground In
3~10 | NC | No Connection
11 | VDD | Voltage for logic
12 | BS1 | Interface selection
13 | BS2 | Interface selection
14 | NC | No Connection
15 | CS# | Chip Select Pin
16 | RES# | Reset Signal Pin
17 | D/C# | Data/Command Control Pin
18 | RW# | Read/Write Control
19 | E/RD# | Chip Enable Signal
20~27 | D0~D7 | Data Bus
28 | IREF | SEG output current refer pin
29 | VCOMH | COM deselected level
30 | VCC | Panel driving voltage
31 | NC | No Connection

**Mechanical Data**

<table>
<thead>
<tr>
<th>Item</th>
<th>Standard Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Dimension</td>
<td>73.0 x 41.86</td>
<td>mm</td>
</tr>
<tr>
<td>Viewing Area</td>
<td>63.41 x 32.69</td>
<td>mm</td>
</tr>
<tr>
<td>Active Area</td>
<td>61.41 x 30.69</td>
<td>mm</td>
</tr>
<tr>
<td>Dot Pitch</td>
<td>0.48 x 0.48</td>
<td>mm</td>
</tr>
<tr>
<td>Dot Size</td>
<td>0.45 x 0.45</td>
<td>mm</td>
</tr>
</tbody>
</table>

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
<th>Condition</th>
<th>Standard Value min.</th>
<th>Standard Value typ.</th>
<th>Standard Value max.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>VDD</td>
<td>---</td>
<td>2.8</td>
<td>3.0</td>
<td>3.3</td>
<td>V</td>
</tr>
</tbody>
</table>