Phoenix Display International, Inc.

PRODUCT PREVIEW
16 Character x 2 Line

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODULE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>JYC-160248C</td>
</tr>
<tr>
<td>Format</td>
<td>16 Characters x 2 Line</td>
</tr>
<tr>
<td>Controller</td>
<td>SPLC780D1</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>80.0mm x 36.0mm x 13.6mm</td>
</tr>
<tr>
<td>Active Area</td>
<td>55.65mm x 10.98mm</td>
</tr>
<tr>
<td>Character Size</td>
<td>3.0mm x 5.23mm</td>
</tr>
<tr>
<td>Pixel Size</td>
<td>560um x 610um</td>
</tr>
<tr>
<td>Backlight System</td>
<td>LED</td>
</tr>
<tr>
<td>Driver Attach</td>
<td>Chip on Board (COB)</td>
</tr>
<tr>
<td>Display Type</td>
<td>TN, STN, or FSTN</td>
</tr>
</tbody>
</table>

1.0 DIMENSIONAL DRAWING

[Diagram of the TN/STN Character Liquid Crystal Display]

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2.0 BLOCK DIAGRAM

5.0 PIN ASSIGNMENT

<table>
<thead>
<tr>
<th>PIN No.</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VSS</td>
</tr>
<tr>
<td>2</td>
<td>VDD</td>
</tr>
<tr>
<td>3</td>
<td>V0</td>
</tr>
<tr>
<td>4</td>
<td>RS</td>
</tr>
<tr>
<td>5</td>
<td>R/W</td>
</tr>
<tr>
<td>6</td>
<td>E</td>
</tr>
<tr>
<td>7-14</td>
<td>DB0-DB7</td>
</tr>
<tr>
<td>15</td>
<td>A</td>
</tr>
<tr>
<td>16</td>
<td>K</td>
</tr>
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