## Basic specifications

<table>
<thead>
<tr>
<th>Photo</th>
<th><img src="image" alt="Image" /></th>
</tr>
</thead>
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<table>
<thead>
<tr>
<th><strong>Color display system</strong></th>
<th>Color filter (RGB stripe)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen size</strong></td>
<td>Diagonal: 1.2cm (0.47”)</td>
</tr>
<tr>
<td></td>
<td>H x V (mm): 9.60 x 7.20</td>
</tr>
<tr>
<td><strong>Pixel number</strong></td>
<td>H x V: 800 x RGB x 600 (SVGA)</td>
</tr>
<tr>
<td><strong>Pixel pitch</strong></td>
<td>H x V (μm): 12.0 (4 xRGB) x 12.0</td>
</tr>
<tr>
<td><strong>Outside Dimension</strong></td>
<td>H x V x D (mm): 17.8 x 16 x 4.8</td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>4:3</td>
</tr>
<tr>
<td><strong>Color space</strong></td>
<td>92% of sRGB</td>
</tr>
<tr>
<td><strong>Displayable colors</strong></td>
<td>Approx. 16.77 million colors</td>
</tr>
<tr>
<td><strong>Liquid Crystal</strong></td>
<td>TN mode</td>
</tr>
</tbody>
</table>
**Dimensional Outline Drawing**

Cross Sectional View

- Backlight
- Counter Substrate
- Polarizer
- FPC (Panel)
- Frame
- TFT Substrate
- Viewed Direction
- Polarizer
- Hook (Black Mask)

**Note**
1. Numbers in parentheses are for reference.
2. Please do not apply pressure on the surface of Backlight or Hook.
3. Applied connector is Molex 501610-544
For ULTIMICRON Panel (E70B)

- External view (dimension: W150mm x H130mm)

Evaluation board is accompanied by the following documents.
"instruction book"

2) LCD Panel is not attached. Please purchase it separately.

3) Extra preparation by customer
   a. DC stabilized power supply
   b. Video signal source (Analog RGB/DVI)
   c. RS232C cable (for configuration)
   d. Optical source for evaluation, polarizer etc.

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c. Mentioned contents of the document were described as of November 2013

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