**L3F05Q-8x LCD module**

### Basic specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color display system</td>
<td>Color filter (RGB stripe)</td>
</tr>
<tr>
<td>Screen size</td>
<td>Diagonal</td>
</tr>
<tr>
<td></td>
<td>H x V (mm)</td>
</tr>
<tr>
<td></td>
<td>11.52 x 6.48</td>
</tr>
<tr>
<td>Pixel number</td>
<td>H x V</td>
</tr>
<tr>
<td></td>
<td>960 x RGB x 540 (QHD)</td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>H x V (μm)</td>
</tr>
<tr>
<td></td>
<td>12.0 (4 xRGB) x 12.0</td>
</tr>
<tr>
<td>Outside Dimension</td>
<td>H x V x D (mm)</td>
</tr>
<tr>
<td></td>
<td>19.1 x 15.7 x 4.0</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Displayable colors</td>
<td>Approx. 16.77 million colors</td>
</tr>
<tr>
<td>Liquid Crystal</td>
<td>TN mode</td>
</tr>
</tbody>
</table>
Dimensional Outline Drawing

Countert Substrate
Polarizer
TFT Substrate
Viewing Direction
Polarizer
Hook (Black Mask)
Frame

Cross-Sectional View

Note

1. Numbers in parentheses are for reference
2. Do not apply pressure on the surface of Backlight or Hook
3. Applied connector is Molex: 500797-35++
For ULTIMICRON QHD/SVGA Panel (E70B)

- External view (dimension: W150mm x H130mm)

1) Evaluation board is accompanied by the following documents.
   "instruction book", "config file (a sheet of FD)"

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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