





## Physical Characteristics

|                               |       |           |       |
|-------------------------------|-------|-----------|-------|
| <b>Column Dots x Row Dots</b> |       | 160 x 128 |       |
| <b>Module Overall</b>         |       |           |       |
|                               | width | height    | depth |
| millimeters                   | 129   | 102       | 16.5  |
| inches                        | 5     | 4         | 0.6   |
| <b>PCB Outline</b>            |       |           |       |
|                               | width | height    | depth |
| millimeters                   | 129   | 102       | 16.5  |
| inches                        | 5     | 4         | 0.6   |
| <b>Viewing Area</b>           |       |           |       |
|                               | width | height    |       |
| millimeters                   | 101   | 82        |       |
| inches                        | 3     | 3         |       |
| <b>Active Area</b>            |       |           |       |
|                               | width | height    |       |
| millimeters                   | 95.96 | 76.76     |       |
| inches                        | 3.77  | 3.02      |       |
| <b>Dot Size</b>               |       |           |       |
|                               | width | height    |       |
| millimeters                   | 0.56  | 0.56      |       |
| inches                        | 0.02  | 0.02      |       |
| <b>Dot Pitch</b>              |       |           |       |
|                               | width | height    |       |
| millimeters                   | 0.6   | 0.6       |       |
| inches                        | 0.0   | 0.0       |       |
| <b>Weight</b>                 |       | 188g      |       |

## Optical Characteristics

|                               |                  |
|-------------------------------|------------------|
| <b>Display Technology</b>     | LCD              |
| <b>Display Addressing</b>     | passive          |
| <b>Glass Type/Glass Color</b> | STN/Yellow-Green |
| <b>Polarizer</b>              | Transflective    |
| <b>View Direction</b>         | 6:00             |
| <b>Backlight Color</b>        | Yellow-Green     |
| <b>Backlight Type</b>         | LED              |
| <b>Mode</b>                   | Positive         |
| <b>Foreground Color</b>       | Dark             |
| <b>Background Color</b>       | Yellow-Green     |

## Electrical Specifications

|                               |        |
|-------------------------------|--------|
| <b>Module Connector Pitch</b> | 0.10mm |
|-------------------------------|--------|

## Environmental

|                               |      |      |
|-------------------------------|------|------|
| <b>Operating Temperatures</b> |      |      |
|                               | min  | max  |
| Celsius                       | -20° | 70°  |
| Fahrenheit                    | -4°  | 158° |
| <b>Storage Temperatures</b>   |      |      |
|                               | min  | max  |
| Celsius                       | -30° | 80°  |
| Fahrenheit                    | -22° | 176° |
| <b>Humidity</b>               |      |      |
|                               | min  | max  |
| Non-condensing                | 0%   | 90%  |

## Electronics

|                   |                |
|-------------------|----------------|
| <b>Controller</b> | Toshiba T6963  |
| <b>Interface</b>  | 8-bit Parallel |