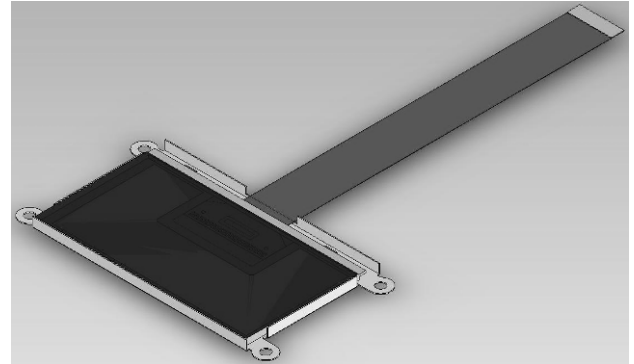


## OLED DISPLAY SOLUTIONS

# Pictiva™ 2.7-inch 128x64 OLED



OS128064PK27MXXA00

**Features:**

- Long-lifetime OLED
- Industry standard size
- No backlight required
- 180° viewing angle
- Fast response, video capable
- High contrast
- Wide operating temperature range
- Thin profile (3.4mm)

**Benefits:**

- Ease of readability
- Excellent presentation of graphic or text images
- Upgrade path from standard LCDs

**Applications:**

- Audio
- Industrial
- Medical
- Instruments

**Specifications:**

|                             |                                  |       |       |                   |            |
|-----------------------------|----------------------------------|-------|-------|-------------------|------------|
| Display Format              | 128 Columns x 64Rows             |       |       |                   |            |
| Diagonal                    | 2.7 inch                         |       |       |                   |            |
| Pixel Pitch                 | 0.48 x 0.48 mm                   |       |       |                   |            |
| Color, Luminance & Lifetime | Color                            | CIE x | CIE y | cd/m <sup>2</sup> | Life* (hr) |
|                             | Elegance Yellow                  | 0.46  | 0.54  | 70                | 55K        |
|                             | Spring Green                     | 0.41  | 0.58  | 100<br>70         | 12K<br>22K |
| Grayscale                   | 4 bit (16 gray levels)           |       |       |                   |            |
| Active Area                 | 61.4 (W) x 30.7 mm (H)           |       |       |                   |            |
| Module Size                 | 89.7 (W) x 46.7 (H) x 3.4 mm (T) |       |       |                   |            |
| Viewing Angle               | 180°                             |       |       |                   |            |
| Contrast Ratio              | 2000:1 dark ambient              |       |       |                   |            |
| Operating Temperature       | -30°C to +70°C                   |       |       |                   |            |
| Logic Voltage               | 2.4 – 3.5V                       |       |       |                   |            |
| Supply Voltage              | 15V typical                      |       |       |                   |            |
| Power Consumption           | 0.05mW (Sleep Mode)              |       |       |                   |            |
| Interface                   | Parallel or Serial               |       |       |                   |            |
| Driver                      | SSD0323                          |       |       |                   |            |
| Weight                      | TBD                              |       |       |                   |            |

\* Operating lifetime @ 25°C to ½ of initial luminance

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### Mechanical Dimensions & Pin Description: