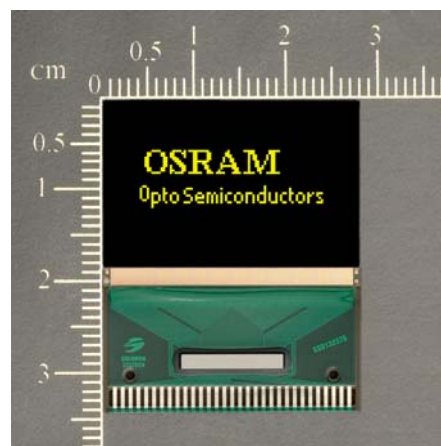


## OLED DISPLAY SOLUTIONS

# Pictiva™ 0.9-inch 80x48 OLED display



## Features

- Long-lifetime OLED
- 180° viewing angle
- Fast response, video capable
- High contrast
- Wide operating temperature range

## Benefits

- Ease of readability
- No backlight required
- Low power consumption

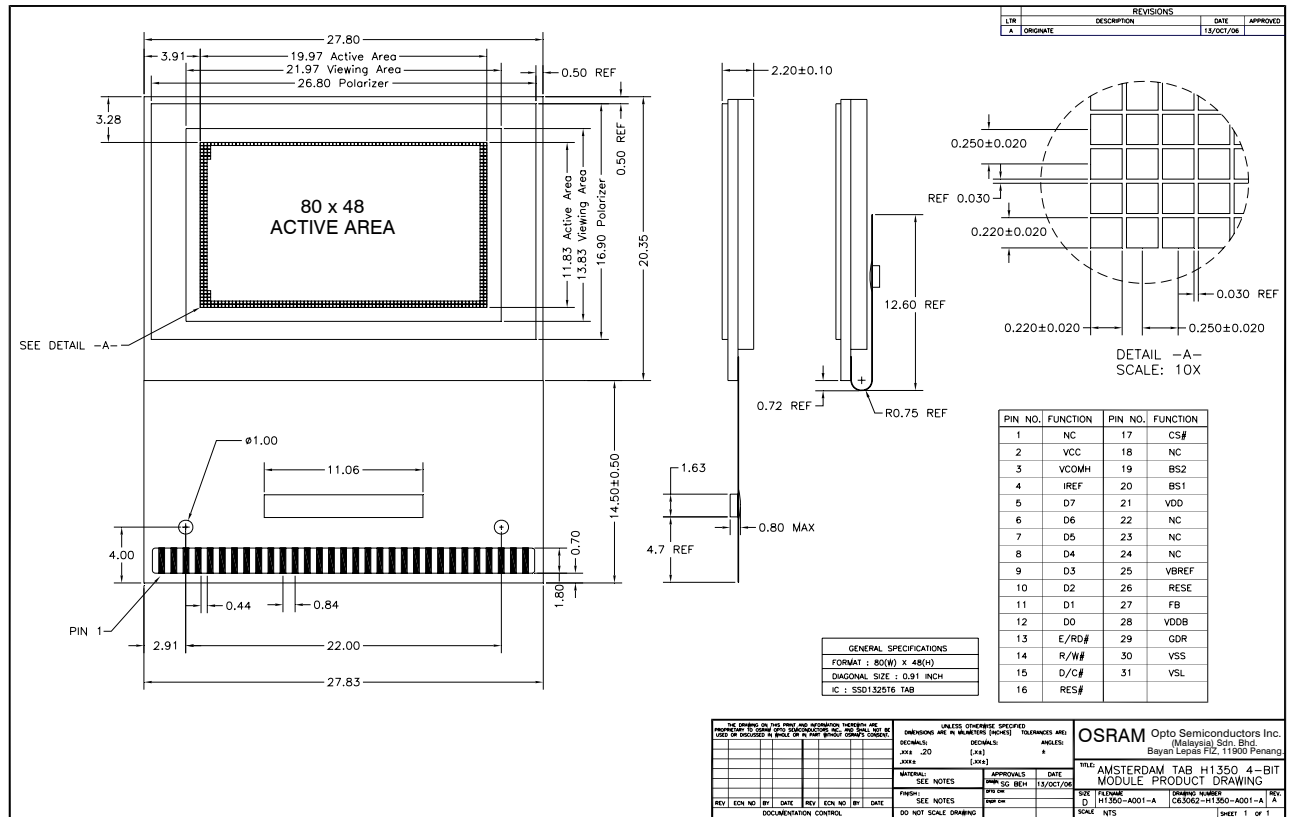
## Applications

- Audio/Video
- Entertainment
- Industrial
- Medical
- Instruments

## Specifications

|                                        |                                     |       |       |                   |                    |
|----------------------------------------|-------------------------------------|-------|-------|-------------------|--------------------|
| <b>Display Format</b>                  | 80 Columns x 48 Rows                |       |       |                   |                    |
| <b>Diagonal</b>                        | 0.9 inch                            |       |       |                   |                    |
| <b>Pixel Pitch</b>                     | 0.250 (W) x 0.250 (H) mm            |       |       |                   |                    |
| <b>Color, Luminance &amp; lifetime</b> | Color                               | CIE x | CIE y | Cd/m <sup>2</sup> | Lifetime hrs, 25°C |
|                                        | Elegance Yellow                     | 0.46  | 0.54  | 100               | 40K                |
|                                        | Lime Green                          | 0.37  | 0.62  | 120               | 10K                |
|                                        | Golden Orange                       | 0.60  | 0.40  | 60                | 10K                |
| <b>Grayscale</b>                       | 4 bit                               |       |       |                   |                    |
| <b>Active Area</b>                     | 19.97 (W) X 11.83 (H) mm            |       |       |                   |                    |
| <b>Module Size</b>                     | 27.80 (W) X 34.85 (H) X 2.20 mm (T) |       |       |                   |                    |
| <b>Viewing Angle</b>                   | 180°                                |       |       |                   |                    |
| <b>Contrast Ratio</b>                  | 2000:1 dark ambient                 |       |       |                   |                    |
| <b>Temperature</b>                     | -30°C to 70°C                       |       |       |                   |                    |
| <b>Logic Voltage</b>                   | 2.4V – 3.5V                         |       |       |                   |                    |
| <b>Supply Voltage</b>                  | 12.5V                               |       |       |                   |                    |
| <b>Power Cons.</b>                     | 0.05 mW (sleep mode)                |       |       |                   |                    |
| <b>Interface</b>                       | Parallel/Serial                     |       |       |                   |                    |
| <b>Driver</b>                          | SSD1325                             |       |       |                   |                    |
| <b>Weight</b>                          | 2.54g typical                       |       |       |                   |                    |

## Mechanical Dimensions and Pin Description



## Ordering Information

| Part Number        | Order Number | Description                                           |
|--------------------|--------------|-------------------------------------------------------|
| OS080048PK09MY0B10 | Q65110A5710  | Pictiva™ 0.9 inch 80x48 OLED Display, Elegance Yellow |
| OS080048PK09MG1B10 | Q65110A5706  | Pictiva™ 0.9 inch 80x48 OLED Display, Lime Green      |
| OS080048PK09MO2B10 | Q65110A5704  | Pictiva™ 0.9 inch 80x48 OLED Display, Golden Orange   |

Note:

All the above products are compliant with RoHS standards:

Lead (Pb) Free Product - EU RoHS Compliant  
- China RoHS Compliant



此产品不含铅，符合欧盟 RoHS 指令的要求；  
按照中国的相关法规和标准，不含有毒有害物质或元素。

## Contact Information

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