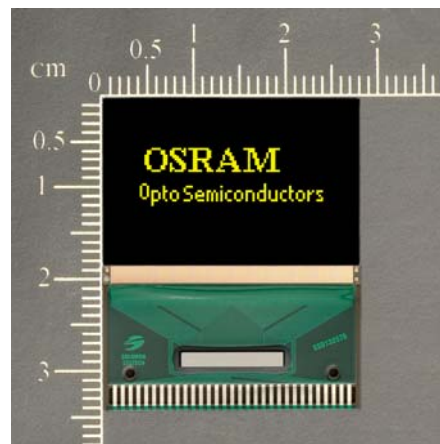


## OLED DISPLAY SOLUTIONS

# 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

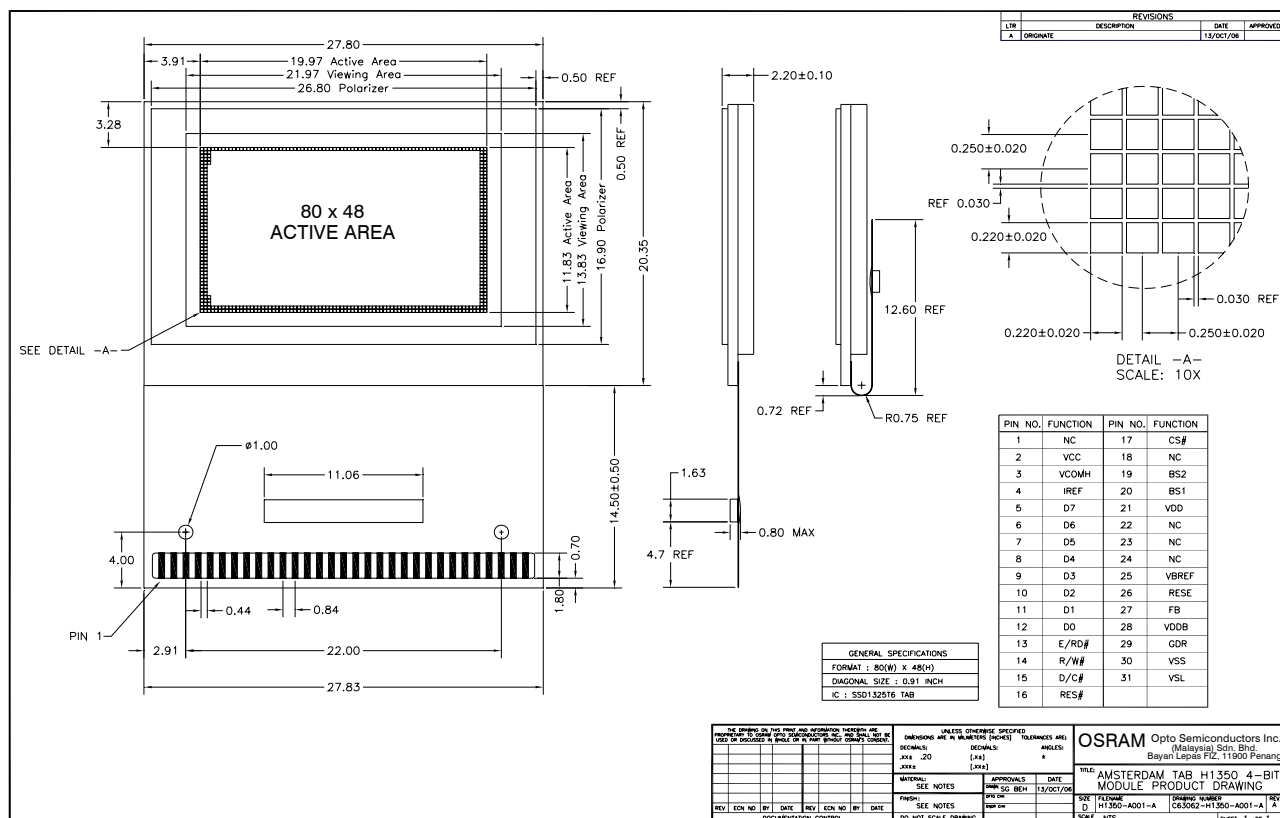
## Applications

- 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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 Lit# 517DS-1 updated on 12/22/05