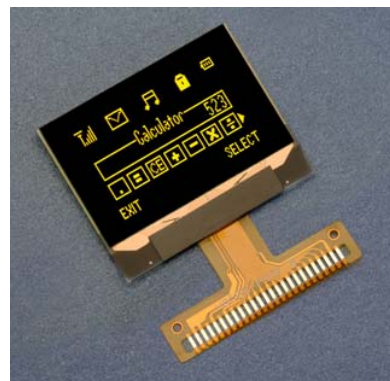


## OLED DISPLAY SOLUTIONS

# Pictiva™ 1.1-inch 128x64 OLED display



OS128064PR11MxC10

## Features

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

## Benefits

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

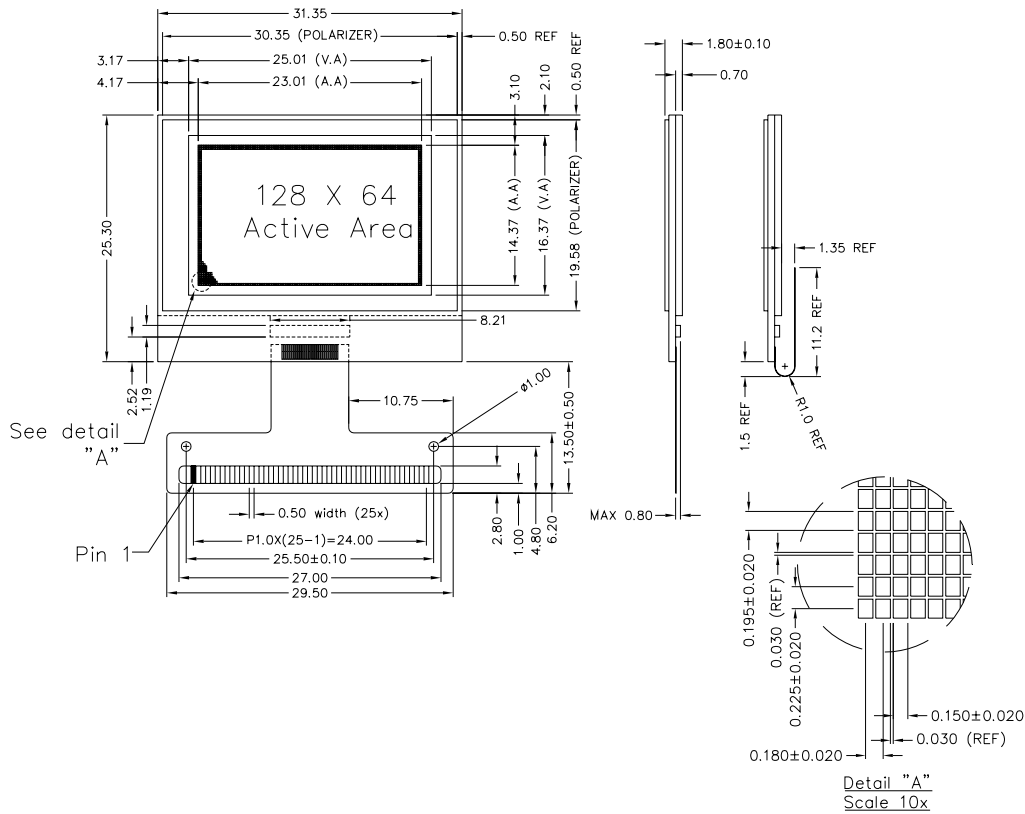
## Applications

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

## Specifications

<b>Display Format</b>	128 Columns x 64 Rows				
<b>Diagonal</b>	1.1 inch				
<b>Pixel Pitch</b>	0.180 (W) x 0.225 (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
				200	10K
	Lime Green	0.37	0.62	120	10K
Golden Orange	0.60	0.40	60	10K	
<b>Grayscale</b>	1 bit				
<b>Active Area</b>	23.01 (W) X 14.37 (H) mm				
<b>Module Size</b>	31.35 (W) X 38.80 (H) X 1.8 mm (T) including flex not folded				
<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>	12V				
<b>Power Cons.</b>	0.05 mW (sleep mode)				
<b>Interface</b>	Parallel/Serial				
<b>Driver</b>	SSD1305				
<b>Weight</b>	2.8g typical				

# Mechanical Dimensions and Pin Description



Pin No.	Function
1	N.C.
2	VSS
3	VSS
4	N.C.
5	VDD
6	N.C.
7	VCC
8	BS1
9	BS2
10	CS#
11	RES#
12	D/C#
13	R/W#
14	E/RD#
15	D0
16	D1
17	D2
18	D3
19	D4
20	D5
21	D6
22	D7
23	IREF
24	VCOMH
25	N.C.

## Ordering Information

Part Number	Order Number	Description
OS128064PR11MYOC10	Q65110A5418	Pictiva™ 1.1 inch 128x64 OLED Display, Elegance Yellow
OS128064PR11MG1C10	Q65110A5419	Pictiva™ 1.1 inch 128x64 OLED Display, Lime Green
OS128064PR11MO2C10	Q65110A5420	Pictiva™ 1.1 inch 128x64 OLED Display, Golden Orange

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