

Jan 2020



Chinese Lunar New Year Holiday Notice

Winstar Display Taiwan office, branches and China factories will be closed from January 23 thru January 29, 2020 for Chinese Lunar New Year Holiday. We will resume working on January 30, 2020. Please notice the below shipping date before and after the holiday. Please work with your Winstar sales persons closely before the holiday if your shipment might be affected. Thank you.

Below is the last shipping date and the first shipping date for this period as reference. We hope the Chinese new year of 2020 ahead bring you Happiness, Joy & Prosperity. Thank you.

Shipping From Taiwan:

- ▶ Last shipping date before holiday: January 21, 2020
- ▶ First shipping date after holiday: January 30, 2020

Shipping From China:

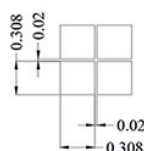
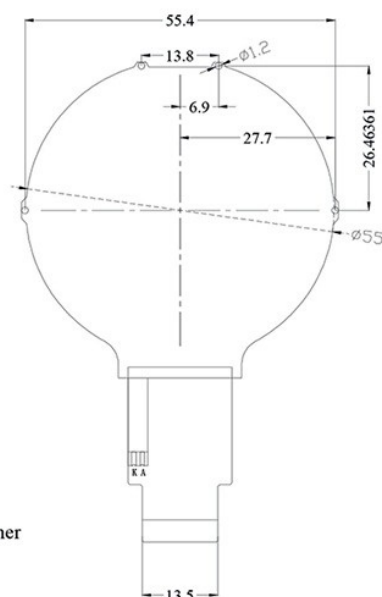
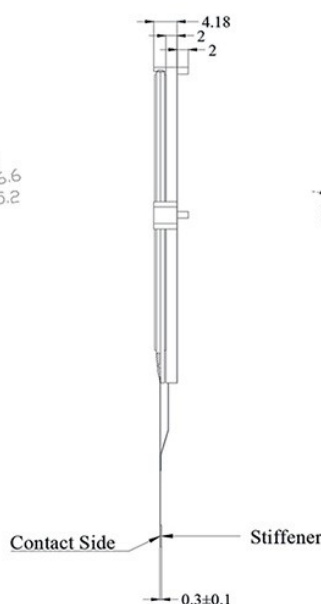
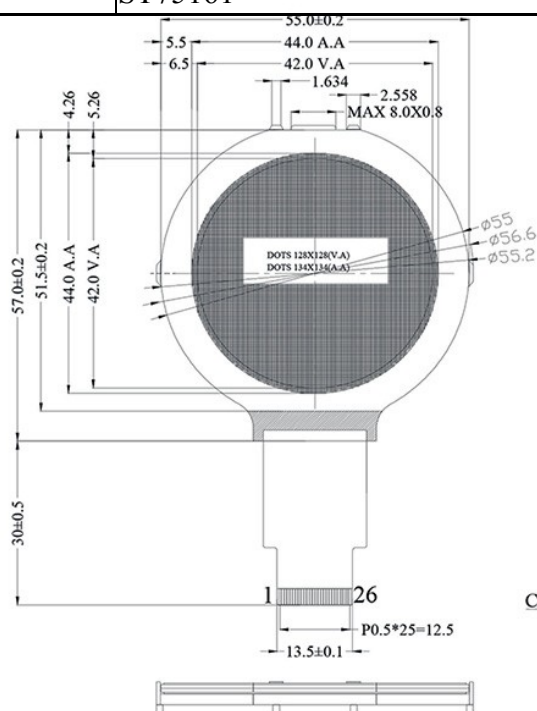
- ▶ Last shipping date before holiday: January 20, 2020
- ▶ First shipping date after holiday: February 3, 2020

Circular COG Graphic LCD WO128128A

WO128128A is a circular monochrome COG graphic LCD module made of 128x128 dot matrix format. This Round STN COG module is built in with ST75161 IC; it supports 8080/6800 parallel, 3-wire and 4-wire serial SPI, I2C interface, Viewing Direction 6 o'clock, 1/136 driving duty, 1/12 BIAS.

The supply voltage for logic of WO128128A is 2.7V to 3.3V, typical value 3V. This module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. WO128128A is available in FSTN Negative (Double film) and FSTN positive LCD type with white LED backlight. Please contact us if you need different LCD type and LED color combination.

WO128128A	Dimension
Number of dots	128 × 128 dots
Module dimension	55.0 × 57.0 × 6.18 mm
View area	42.0 × 42.0 mm
Active area	44.0 × 44.0 mm
Dot size	0.308 × 0.308 mm
Dot pitch	0.310 × 0.310 mm
LCD type	WO128128A-TFH#: FSTN Positive Transflective
	WO128128A-TDI#: FSTN Negative (Double film) Transmissive
Duty	1/136 DUTY, 1/12 BIAS
View direction	6 o'clock
Backlight Type	LED White
IC	ST75161

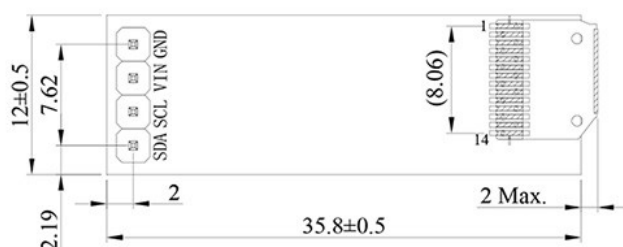
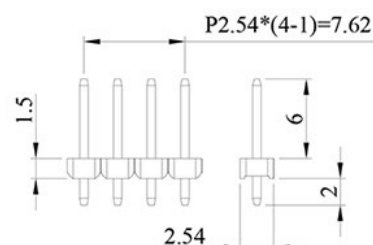
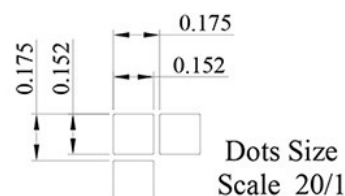
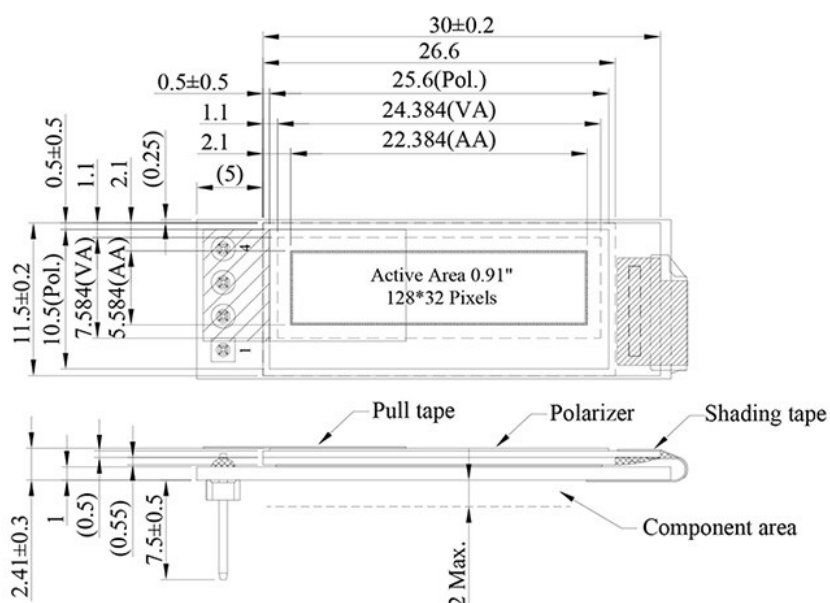


0.91 Inch Graphic OLED WEA012832F

WEA012832F is a graphic COG with PCB OLED module, which is made of resolution 128x32 pixels, diagonal size 0.91 inch. WEA012832F is built in with SSD1306 IC; it supports I2C interface, 1/32 driving duty. WEA012832F model is having PCB outline size 35.80 × 12.0 mm with 4x1 metal pins on module.

The supply voltage for logic of WEA012832F is 3V/ 5V, supply voltage for display is 7.5V (Internal Boots), display with 50% check board current is 13mA@3VDD (typical value). This OLED module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.

WEA012832F	Dimension
Dot Matrix	128 × 32 pixels
Module dimension	35.8 × 12.0 × 2.41 mm
Active Area	22.384 × 5.584 mm
Pixel Size	0.152 × 0.152 mm
Pixel Pitch	0.175 × 0.175 mm
Display Mode	Passive Matrix
Display Color	Yellow/White/Sky Blue
Drive Duty	1/32 Duty
IC	SSD1306
Interface	I2C
Size	0.91 inch

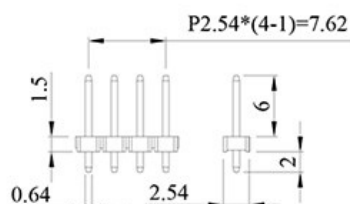
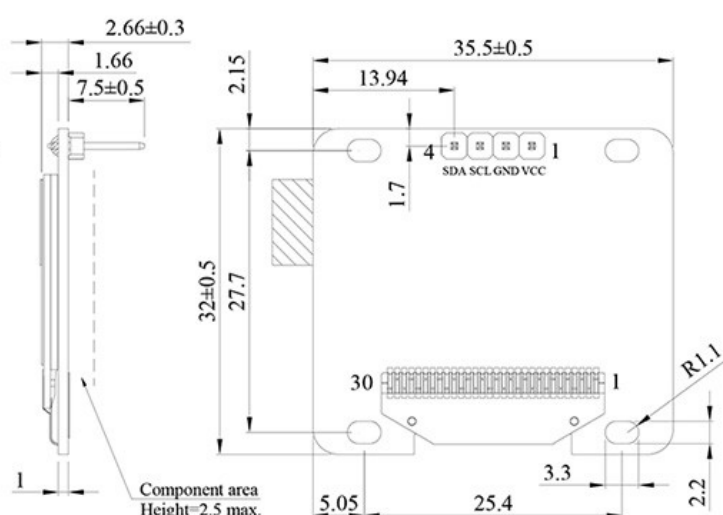
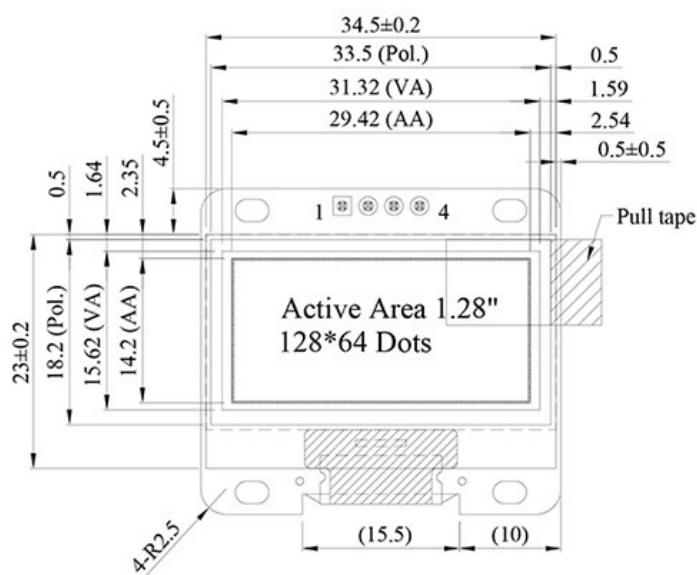


1.28 Inch Graphic OLED WEA012864L

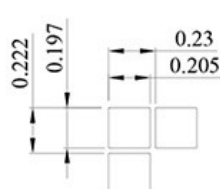
WEA012864L is a graphic COG with PCB OLED module, which is made of resolution 128x64 pixels, diagonal size 1.28 inch. WEA012864L is built in with SH1106 IC; it supports I2C interface, 1/64 driving duty. WEA012864L model is having PCB outline size 35.50 × 32.0 mm with mounting holes on board and 4x1 metal pins on module.

The supply voltage for logic of WEA012864L is 3V/ 5V, supply voltage for display is 7.5V (Internal Boots), display with 50% check board current is 25mA@3.3VDD (typical value). This OLED module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.

WEA012864L	Dimension
Dot Matrix	128 × 64 pixels
Module dimension	35.50 × 32.00 × 2.66 mm
Active Area	29.42 × 14.20 mm
Pixel Size	0.205 × 0.197 mm
Pixel Pitch	0.230 × 0.222 mm
Display Mode	Passive Matrix
Display Color	Yellow/White/Sky Blue
Drive Duty	1/64 Duty
IC	SH1106
Interface	I2C
Size	1.28 inch



Scale 1/1



Scale 20/1