

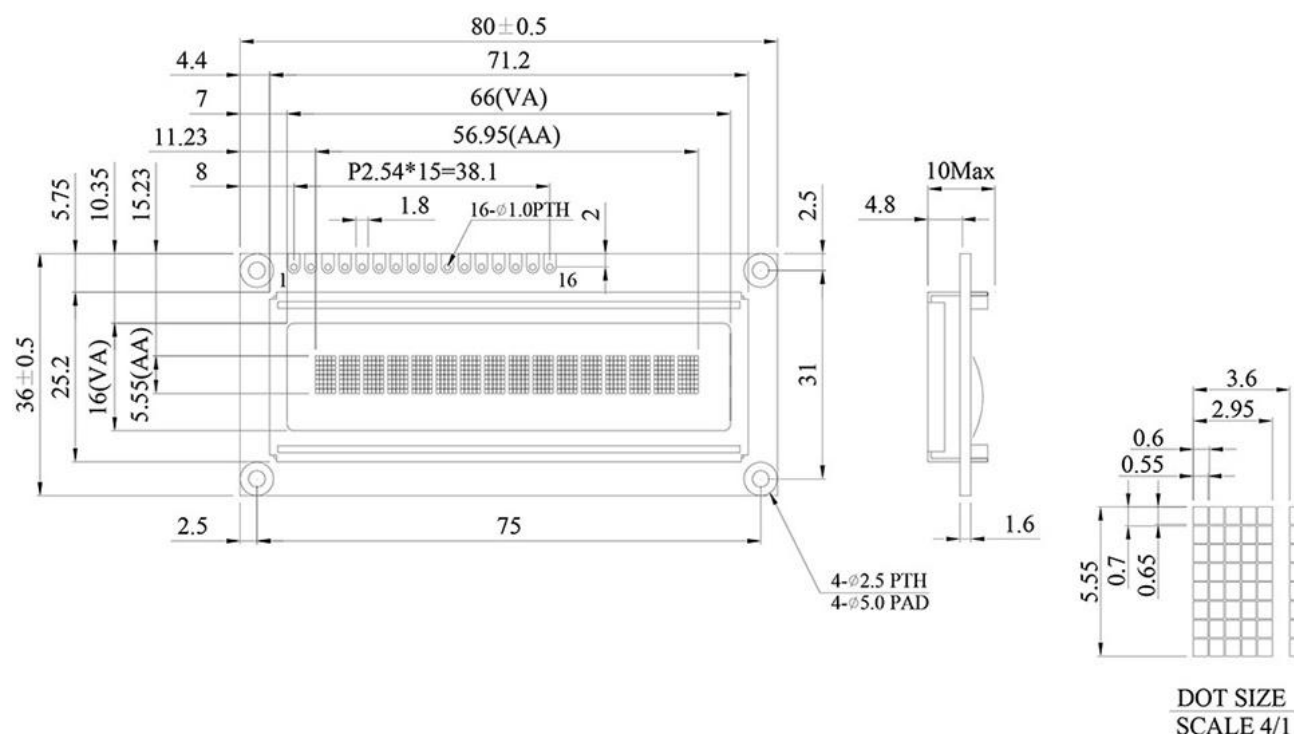
Feb 2020

OLED COB Character 16x1 WEH001601B

WEH001601B is a COB 16 Character x 1 Line OLED display module which diagonal panel size is 2.25 inch. WEH001601B is built in with WS0010 IC; its interface is default 6800, available options 8080 and SPI, 1/8 driving duty. All Winstar OLED Character COB modules are built-in with an all-in-one Fonts controller IC WS0010; which offers 4 font sets on one device. These include English/Japanese, West European, Scandinavian European, and Cyrillic (Russian).

The supply voltage for logic of WEH001601B is 5V (typical value), display with 50% check board current is 50mA @5VDD (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.

WEH001601B	Dimension
Number of Characters	16 Characters x 1 Line
Module dimension	80.0 x 36.0 x 10.0(MAX) mm
View area	66.0 x 16.0 mm
Active area	56.95 x 5.55 mm
Dot size	0.55 x 0.65 mm
Dot pitch	0.60 x 0.70 mm
Character size	2.95 x 5.55 mm
Character pitch	3.6 x 5.55 mm
Display Color	Yellow/ White/ Blue/ Green/ Red
Duty	1/8 Duty
IC	WS0010
Interface	Default 6800, option 8080, SPI
Size	2.25 inch

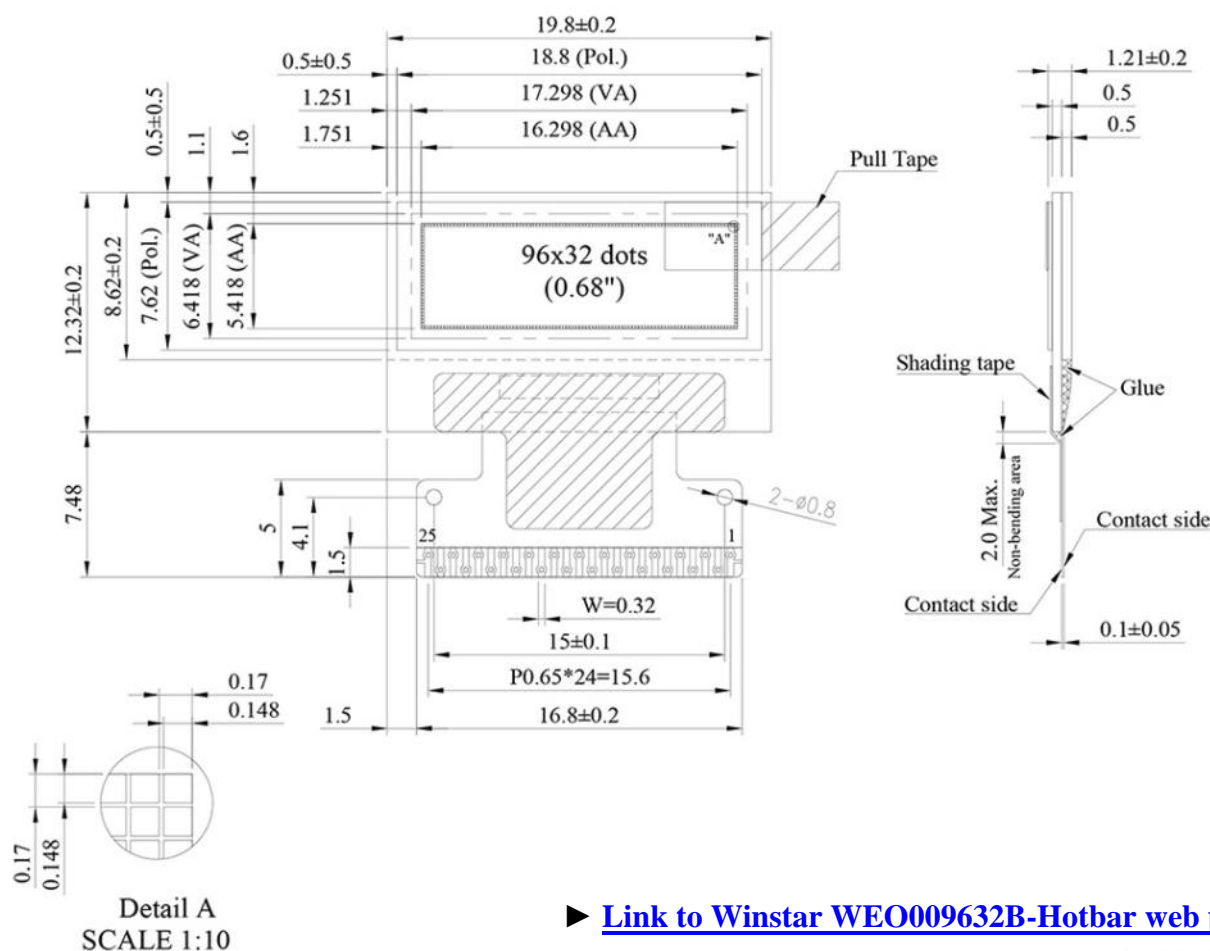
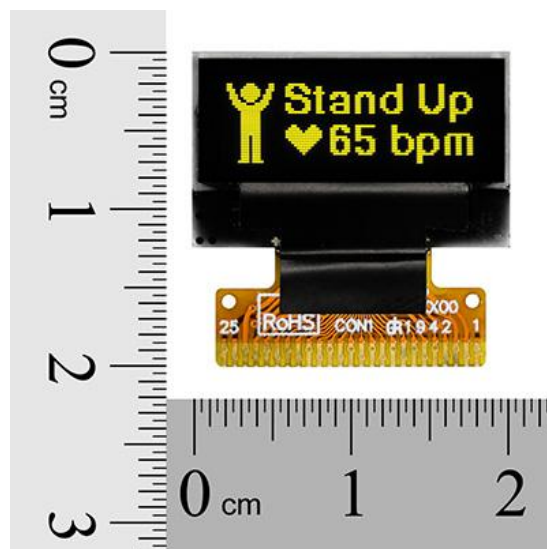


0.68 Inch Graphic OLED WEO009632B Hotbar Version

WEO009632B-Hotbar version is a mini OLED display which is made of 96x32 resolution, diagonal size 0.68 inch. WEO009632B-Hotbar is built in with SSD1305 driver IC; it supports 6800/8080 8-bit parallel, I2C and 4-wire SPI interface. The supply voltage for logic of WEO009632B-Hotbar version is 3V, 1/32 driving duty; display with 50% check board current is 6mA@12Vcc (typical value).

This OLED display which is ultra thin and no need of backlight; it's lightweight and low power consumption. It is suitable for portable device, personal care appliance, health device, meter device, etc. WEO009632B-Hotbar module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.

WEO009632B-Hotbar	Dimension
Dot Matrix	96 x 32 Pixels
Module dimension	19.80 x 12.32 x 1.21 mm
Active Area	16.298 x 5.418 mm
Pixel Size	0.148 x 0.148 mm
Pixel Pitch	0.17 x 0.17 mm
Display Mode	Passive Matrix OLED
Display Color	White / Yellow
Drive Duty	1/32 Duty
IC	SSD1305
Interface	6800, 8080, SPI, I2C
Size	0.68 inch



0.95 Inch Graphic OLED WEO009664A

WEO009664A is a small OLED display which is made of resolution 96x64 pixels, diagonal size 0.95 inch. This Passive Matrix OLED is built in with SSD1305 IC; it can communicate via 6800/8080 8-bit parallel, I2C, SPI interface. The supply voltage for logic of WEO009664A is 3V, 1/64 driving duty; display with 50% check board current is 6mA@12Vcc (typical value). It can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.

The visible portion of the OLED measures 0.95" diagonal and contains OLED 96x64 pixels is very suitable for portable device since it is much brighter, much higher contrast, wider viewing angle and lower current consumption than conventional LCD. WEO009664A COG OLED displays are ultra thin, lightweight and low power consumption which is great for handheld device, meters, smart grid, IoT, etc.

WEO009664A	Dimension
Dot Matrix	96 x 64 Pixels
Module dimension	24.90 x 22.95 x 1.65 mm
Active Area	19.946 x 13.418 mm
Pixel Size	0.186 x 0.188 mm
Pixel Pitch	0.208 x 0.210 mm
Display Mode	Passive Matrix OLED
Display Color	Yellow / White
Drive Duty	1/64 Duty
IC	SSD1305
Interface	6800,8080,SPI,I2C
Size	0.95 inch

