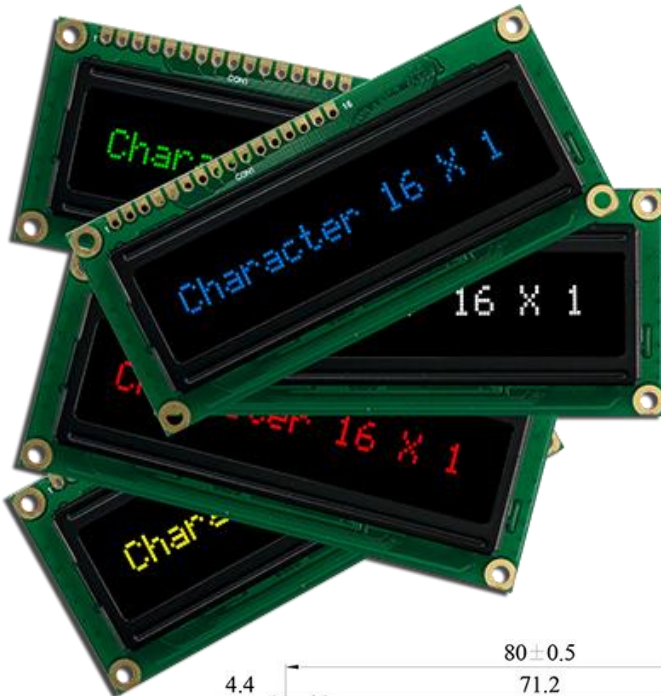




## 1. [REC001601B] Character OLED Display 16 Characters x 1 Line

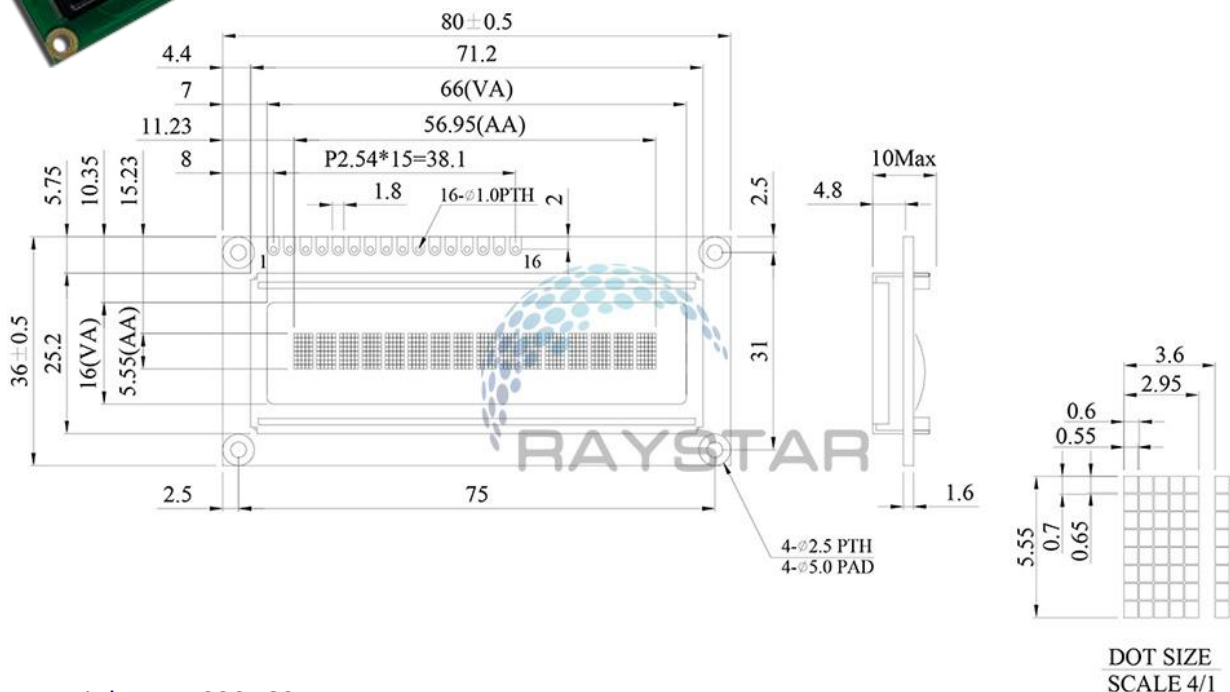
REC001601B is a COB 16 Character x 1 Line OLED display module which diagonal panel size is 2.25 inch. REC001601B is built in with RS0010 IC; its interface is default 6800, available options 8080 and SPI, 1/8 driving duty. All Raystar OLED Character COB modules are built-in with an all-in-one Fonts controller IC RS0010; 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 REC001601B 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.



### Specification:

- Module dimension: 80 x 36 x 10 mm
- View area: 66.0 x 16.0 mm
- Active area: 56.95 x 5.55 mm
- Number of Characters :16 Characters x 1 Line
- 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: 3.60 x 5.55 mm
- Duty: 1/8
- Display Color: White, Yellow, Green, Blue, Red
- Interface :6800, option 8080, SPI
- IC:RS0010
- Size:2.25 inch



>> [Link to REC001601B](#)

## 2. [REX009632B] 0.68", 96x32 Graphic OLED Display with Hotbar FPC

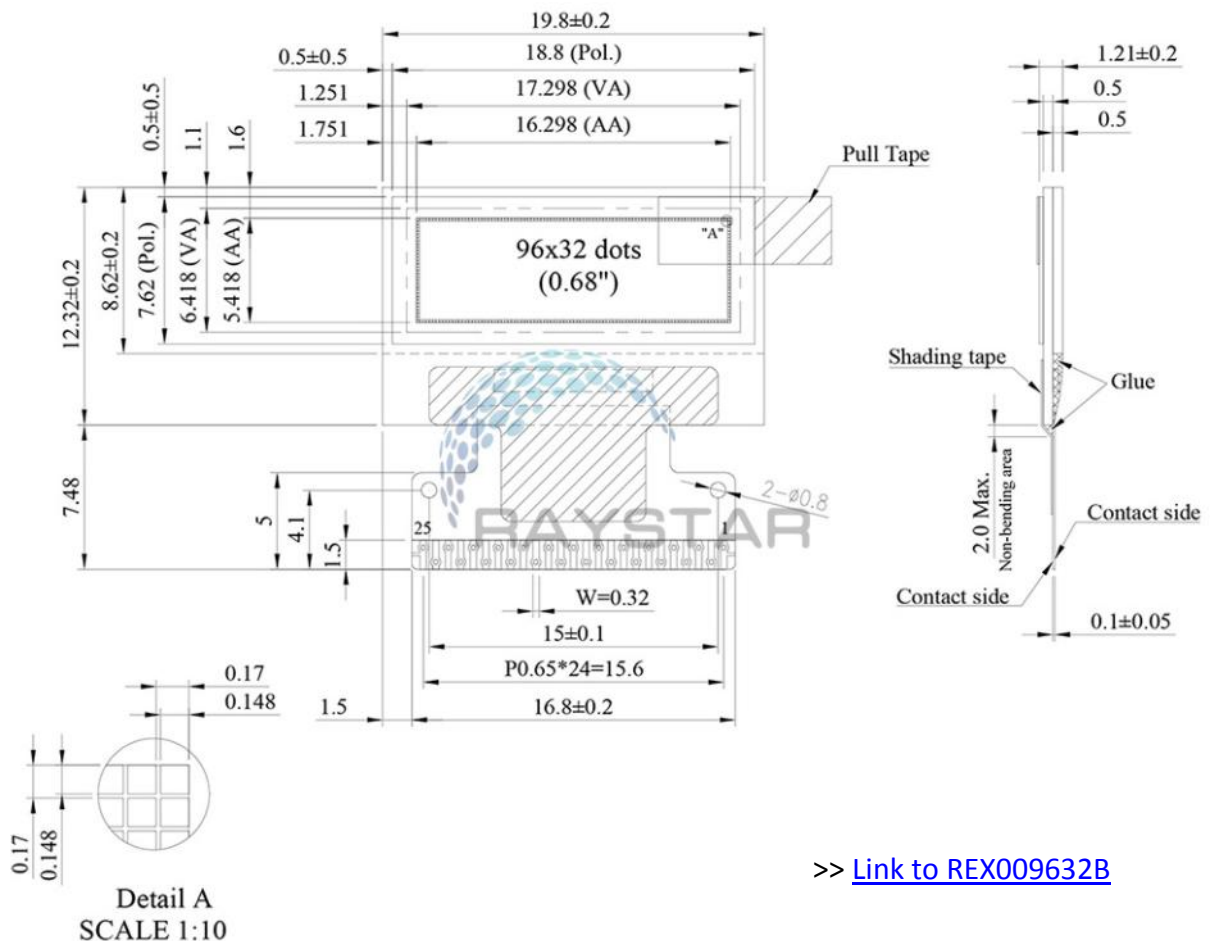
REX009632B Hotbar version is a mini OLED display which is made of 96x32 resolution, diagonal size 0.68 inch. REX009632B is built in with SSD1305 driver IC; it supports 6800/8080 8-bit parallel, I2C and 4-wire SPI interface. The supply voltage for logic of REX009632B Hotbar version is 3V, 1/32 driving 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. REX009632B-Hotbar module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.



### Specification:

- Module dimension: 19.80 x 12.32 x 1.21 mm
- Active area: 16.298 x 5.418 mm
- Dot Matrix: 96 x 32
- Dot size: 0.148 x 0.148 mm
- Dot pitch: 0.17 x 0.17 mm
- Display Mode: Passive Matrix OLED
- Duty: 1/32 Duty
- Display Color: White, Yellow
- Controller IC: SSD1305
- Interface: 6800, 8080, SPI, I2C
- Size: 0.68 inch



>> [Link to REX009632B](#)

### 3. [REX009664A] 0.95", 96x64 Graphic OLED Display

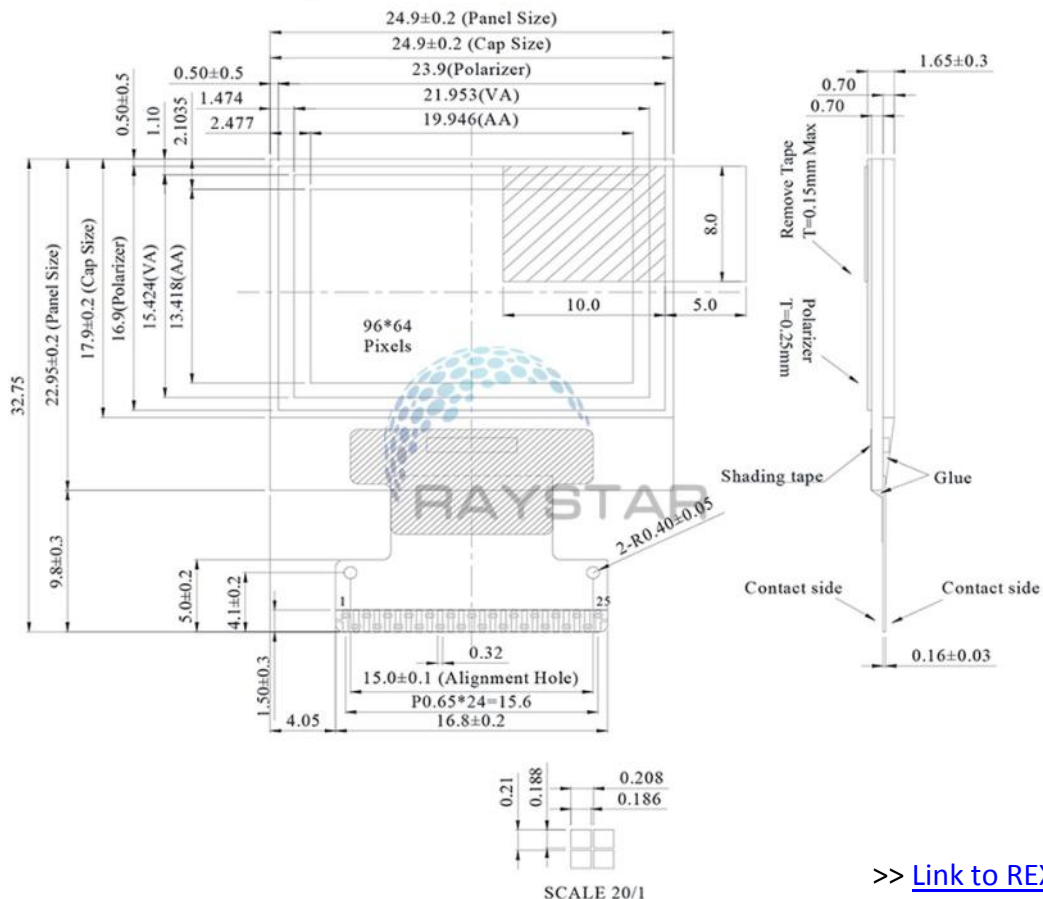
REX009664A is a small OLED display which is made of resolution 96x64 pixels, diagonal size 0.95 inch. This Passive Matrix OLED is built in with SSD1305 IC; it can communicate via 6800/8080 8-bit parallel, I2C, SPI interface. The supply voltage for logic of REX009664A is 3V, 1/64 driving duty; display 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. REX009664A COG OLED displays are ultra thin, lightweight and low power consumption which is great for handheld device, meters, smart grid, IoT, etc.



#### Specification:

- Module dimension: 24.9 × 22.95 × 1.65 mm
- Active area: 19.946 × 13.418 mm
- Dot Matrix: 96 × 64
- Pixel Size: 0.186 × 0.188 mm
- Pixel Pitch: 0.208 × 0.21 mm
- Duty: 1/64 Duty
- Display Mode: Passive Matrix OLED
- Display Color: White, Yellow
- IC: SSD1305Z
- Interface: 6800, 8080, SPI, I2C
- Size: 0.95 inch



>> [Link to REX009664A](#)