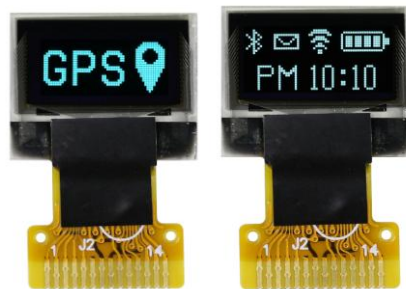
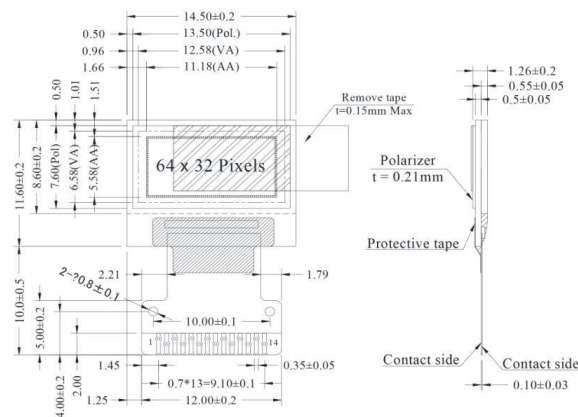


## 0.49 inch OLED WEO006432A

Winstar OLED WEO006432A is a 0.49 inch passive matrix OLED display module which is made of 64x32 dots. The WEO006432A has the module dimension of 14.5 x 11.6 x 1.26 mm and Active Area size 11.18 x 5.58 mm. WEO006432A is built in with SSD1306BZ IC, it supports SPI and I2C interface, 3V power supply. The WEO006432A is a COG structure OLED display which is ultra thin and no need of backlight (self emitting); it's lightweight and low power consumption. This 0.49 inch small sized OLED module is suitable for wearable device, mp3, portable device, personal care appliance, voice recorder pen, health device, etc. The standard emitting colors for this item are available in white and sky blue. WEO006432A module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +80°C. Below is the basic specification of WEO006432A as reference.



| Item – WEO006432A | Dimensions                        | Unit |
|-------------------|-----------------------------------|------|
| Size              | 0.49                              | inch |
| Dot Matrix        | 64 X 32 Dots                      | -    |
| Module Dimensions | 14.5 × 11.6 × 1.26                | mm   |
| Active Area       | 11.18 × 5.58                      | mm   |
| Pixel Size        | 0.153 × 0.153                     | mm   |
| Pixel Pitch       | 0.175 × 0.175                     | mm   |
| Display Mode      | Passive Matrix                    | -    |
| Display Colour    | Available color: White / Sky Blue | -    |
| Drive Duty        | 1/32 Duty                         | -    |
| IC                | SSD1306BZ                         |      |
| Interface         | SPI / I2C                         |      |



Datasheets and additional information can be found on: <http://www.winstar.com.tw>