

April, 2017

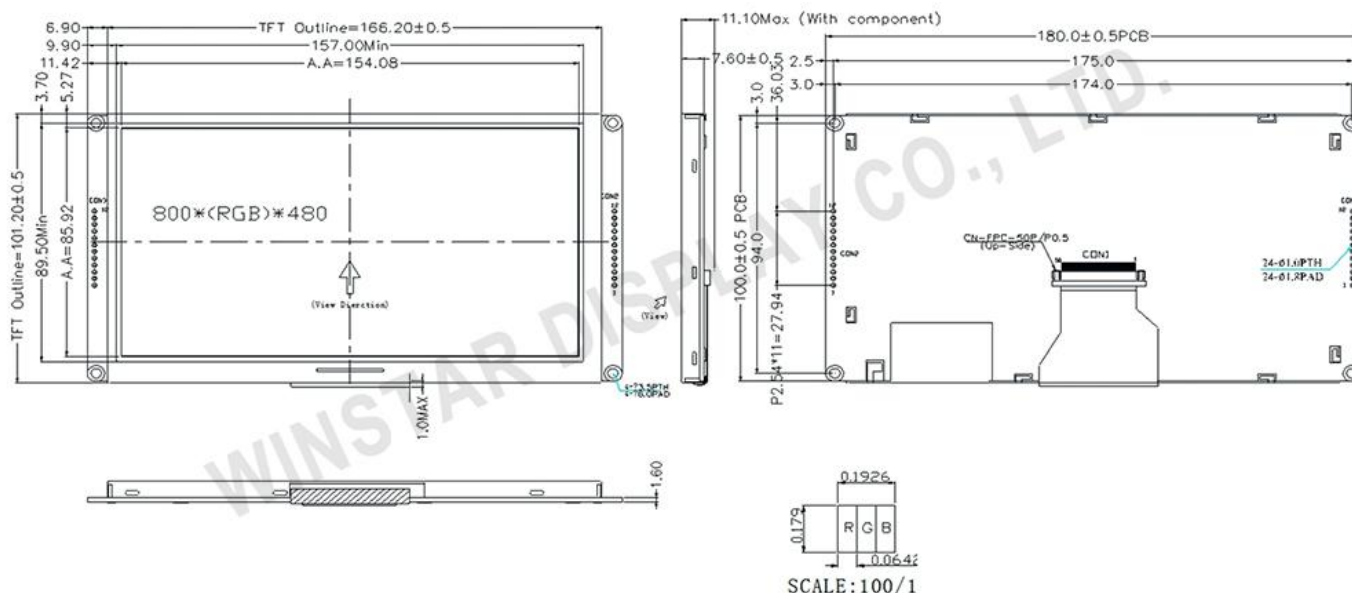
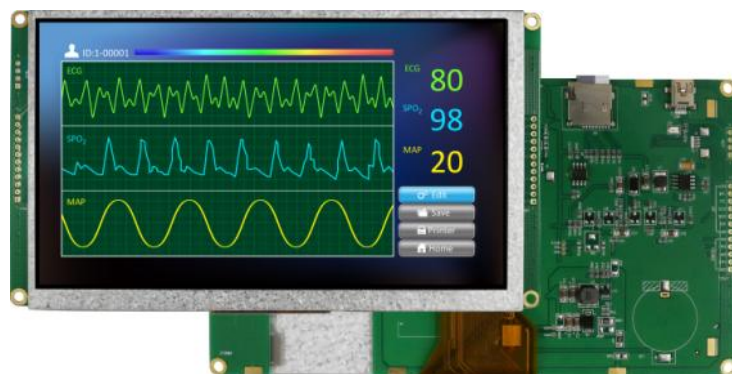
## Product Introduction -7.0 inch M Series WF70M

WF70M is a 7 inch TFT-LCD M Series display (Clever System) . This TFT display is having the same feature as WF35M, WF43M and WF57M which has built-in control board with RS232 interface.

The module dimension of WF70M is 166.2 x 101.2 mm and AA size of 154.08 x 85.92 mm. This model is available with Capacitive Touch Panel (CTP) option. This TFT module can be operating at temperatures from -20°C to +70°C ; its storage temperatures range from -30°C to +80°C . For more detailed information for M Series, please refer to the introduction on Winstar Website:

► [Link to Winstar TFT M Series Introduction webpage](#)

Item-WF70M	Dimension
Size	7 inch
Dot Matrix	800 x RGBx480(TFT)
Module dimension	166.2 x 101.2 x 11.1 mm
Active area	154.08 x 85.92
Dot pitch	0.0642 x 0.179
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Aspect Ratio	16:09
Backlight Type	LED, Normally White
Interface	UART 19200 Baud rate
Touch Panel	CTP option
Surface	Anti-Glare

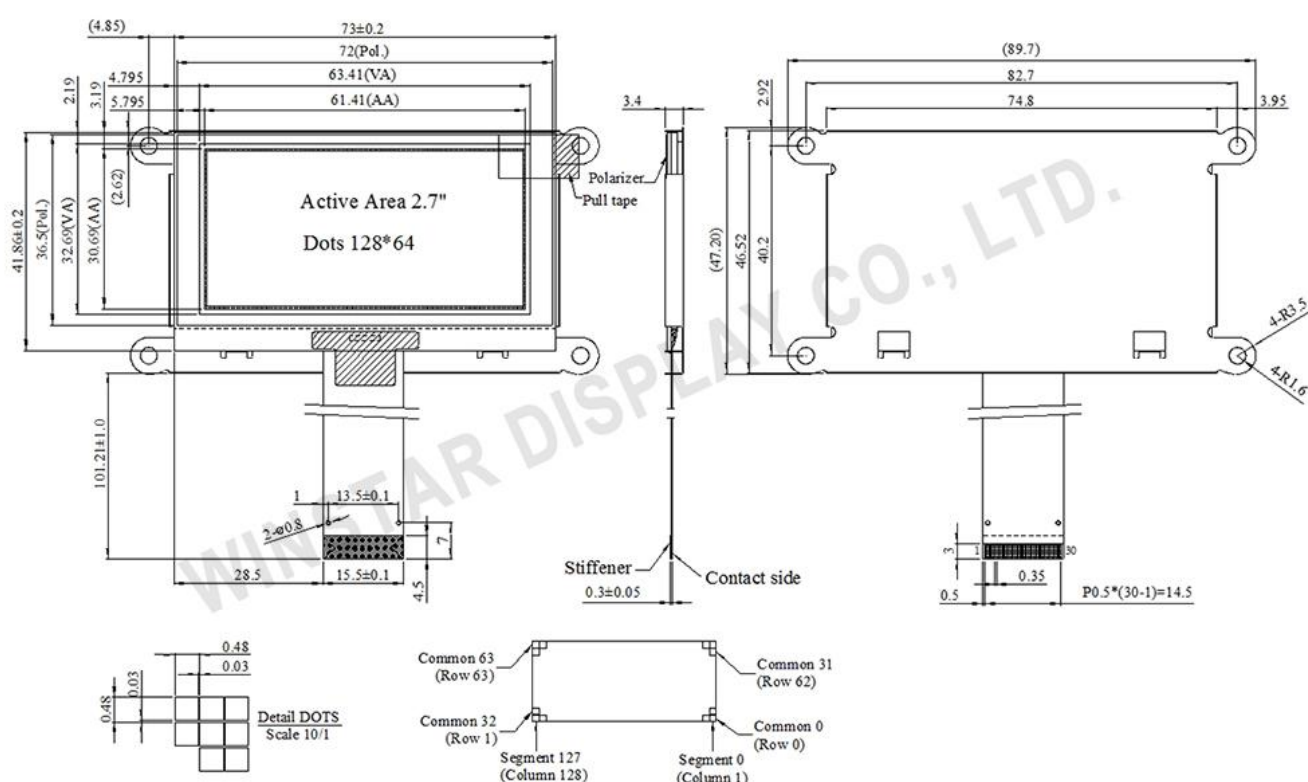


## Product Introduction -2.7 inch WEF12864Q (w/Frame)

Winstar OLED Display WEF012864Q is made of 128x64 pixels, diagonal size 2.7 inch. This graphic display is built-in SSD1309ZC controller IC and it communicates via 6800/8080 8-bit parallel, I2C and 4-wire serial interface. WEF012864Q is having the module dimension of 89.7 x 47.2 mm and AA size of 61.41 x 30.69 mm; it has the same OLED panel as existing WEO012864K with a bezel (frame) on module, it's FPC pin assignment has been defined as the same as WEX012864L (30 pins). WEF012864Q model is a COG OLED; it can be regards as an alternative of TAB type WEX012864L. The standard emitting colors for this item are available in yellow, white and sky blue.

WEF012864Q is a COG structure OLED display; this OLED module is lightweight, low power and very thin, it is suitable for wall / meter devices, home applications, POS system, Cloud/IoT system, intelligent technology devices, energy systems, communication systems, medical instrument, etc. WEF012864Q OLED module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +80°C.

Item-WEF012864Q	Dimension
Size	2.7 inch
Dot Matrix	128 x 64
Module dimension	89.7 × 47.2 × 3.4 mm
Active Area	61.41 × 30.69 mm
Pixel Size	0.45 × 0.45 mm
Pixel Pitch	0.48 × 0.48 mm
Display Mode	Passive Matrix
Display Color (available)	Yellow/White/Sky Blue
Interface	6800/8080/SPI/I2C
Drive Duty	1/64 Duty



## Product Introduction -2.7 inch WEO012864Q (w/o Frame)

WEO012864Q type is a 2.7 inch COG OLED display, made of 128x64 pixels. This graphic display is built-in SSD1309ZC controller IC and it communicates via 6800/8080 8-bit parallel, I2C and 4-wire serial interface, 3V power supply. WEO012864Q is having the module dimension of 73.0 x 41.86 mm and AA size of 61.41 x 30.69 mm; it has the same OLED panel as existing WEO012864K with a 30-pin FPC, it's FPC pin assignment has been defined as the same as WEX012864L (30 pins).

WEO012864Q is a COG structure OLED display; this OLED module is lightweight, low power and very thin, it is suitable for wall / meter devices, home applications, POS system, Cloud/IoT system, intelligent technology devices, energy systems, communication systems, medical instrument, etc. WEO012864Q OLED module can be operating at temperatures from  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ ; its storage temperatures range from  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ . The standard emitting colors for this item are available in yellow, white and sky blue.

Item-WEO012864Q	Dimension
Size	2.7 inch
Dot Matrix	128 x 64 mm
Module dimension	$73.0 \times 41.86 \times 2.05$ mm
Active Area	$61.41 \times 30.69$ mm
Pixel Size	$0.45 \times 0.45$ mm
Pixel Pitch	$0.48 \times 0.48$ mm
Display Mode	Passive Matrix
Display Color (available)	Yellow/White/Sky Blue
Interface	6800/8080/SPI/I2C
Drive Duty	1/64 Duty

