NEWS

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Welcome to read Winstar Newsletter issue no.82. In this issue, we will introduce two Winstar Wide Temperature standard items WF35T and WF43T and the 4.3 inches P Series of WF43P.   Also, we released the 0.91 inches of COG OLED WEO012832D as well. Welcome to read the content thru the below QR code on your cell phone.

QR Code - News issue no. 82

Winstar 2015 Del Mar Exhibition in USA End off Good Result

Thank you for all the customers came to visit Winstar booth at Del Mar Exhibition in San Diego, CA, which was held in May, 2015. The Del Mar Electronics and Design Show is the premier event for those who design, manufacture such as automation equipment and OLED and LCD displays. Winstar Display showcased the cutting edge display product demonstrations at that show. The show ended off very positive results to Winstar Display, we will keep raising awareness of Winstar business and brand in USA markets.
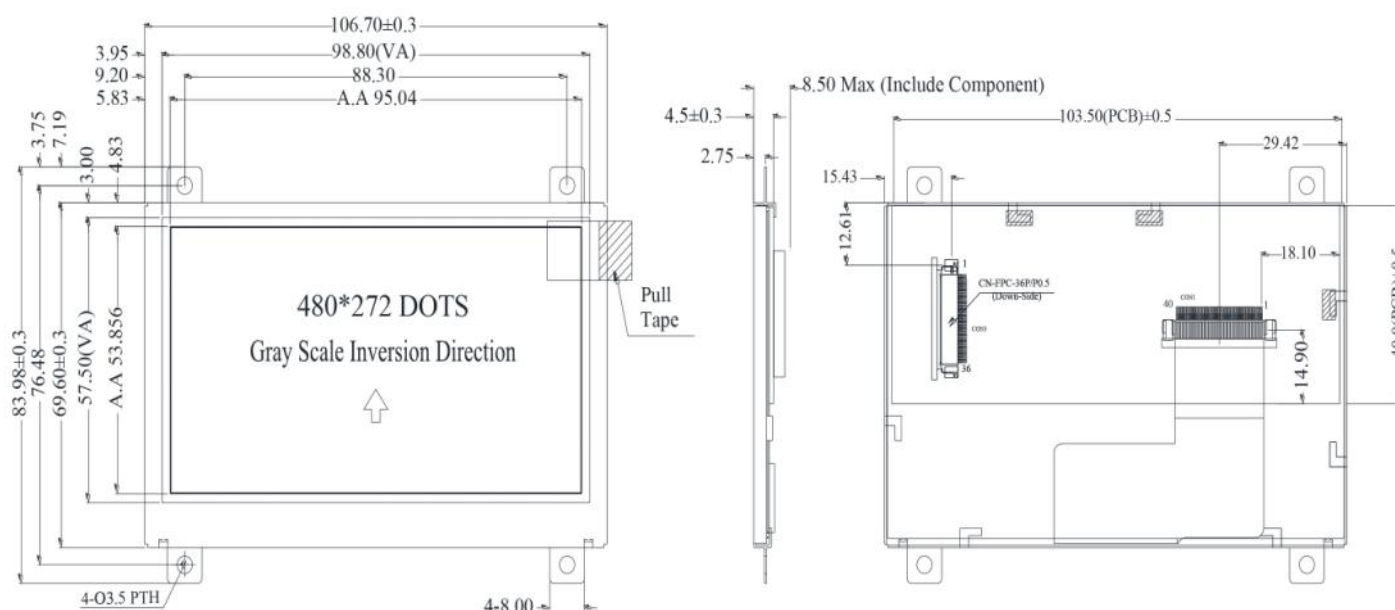
Product Introduction - TFT P Series WF43P

The WF43P is the 4.3 inches size of Winstar TFT P series family. The WF43P is a WF43H extended model which is with RA8875 controller board plus a 36 pin-out connector on board. This model is featured with 8 bit or 16 bit options and already defined pin no. 33 ~ 36 as backlight supply on a integrated 36 pin-out connector ; therefore, the customers no need to design extra backlight circuit. This display is with the module dimension of 106.7 x 83.98mm and AA size of 95.04 x 53.856mm.

Below is the basic specification of WF43P as reference. For any further features of WF43P, please refer to the introduction of Winstar TFT P Series in Winstar News issue no.75.

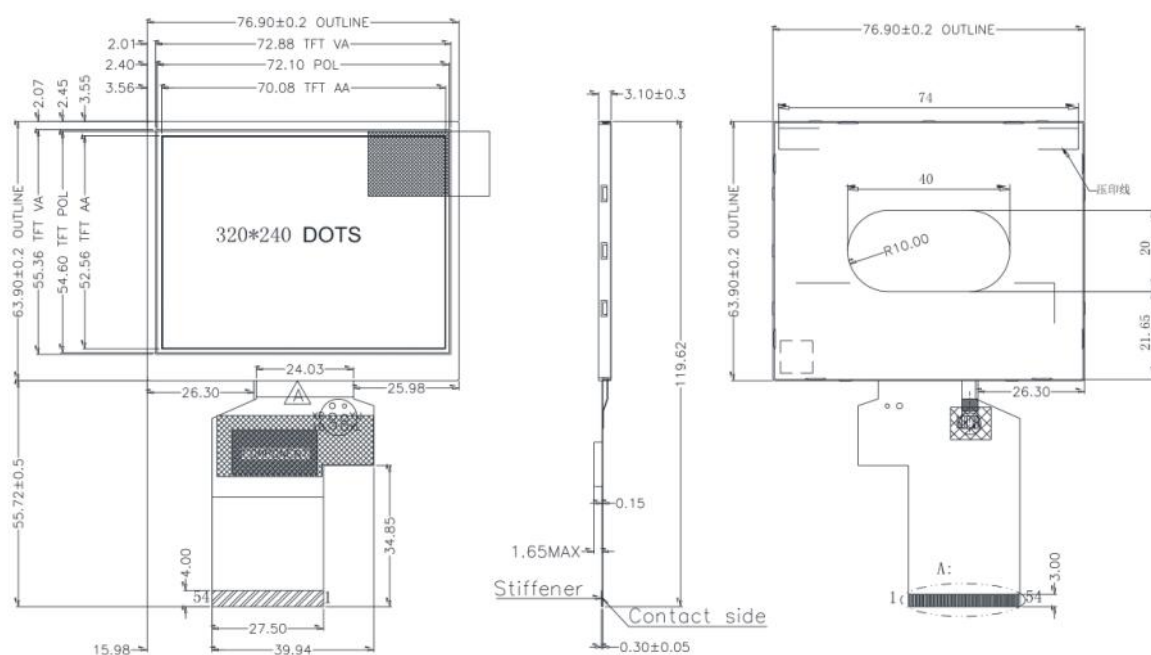| Item-WF43P	Dimension
Size	4.3 inches
Dot Matrix	480 x RGBx272(TFT)
Module dimension	106.7 x 83.98 x 8.5 mm
Active area	95.04 x 53.856 mm
Dot pitch	0.066 x 0.198 mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Backlight Type	LED, Normally White
Controller IC	RA8875
Interface	Digital 8080 family MPU
Touch Screen	Option
Surface	Glare

Product Introduction - TFT 3.5" WF35T

With TFT-LCD modules becoming more pervasive for some indoor or outdoor applications, wide temperature demand is growing in many fields. In response to customer's requests for wide temperature TFT modules, Winstar released a standard 3.5 inches TFT WF35T. This display WF35T is with outline dimension of 76.9 x 63.9 mm and AA size of 70.08 x 52.56 mm.

This TFT module can be operating at temperatures from $-30℃$ to $+80℃$; its storage temperatures range from $-30℃$ to $+80℃$. Below is the basic specification and drawing of WF35T as reference.

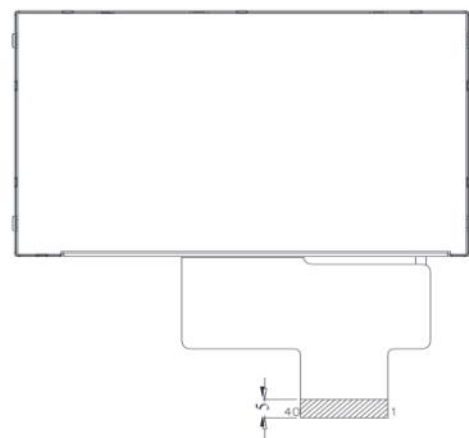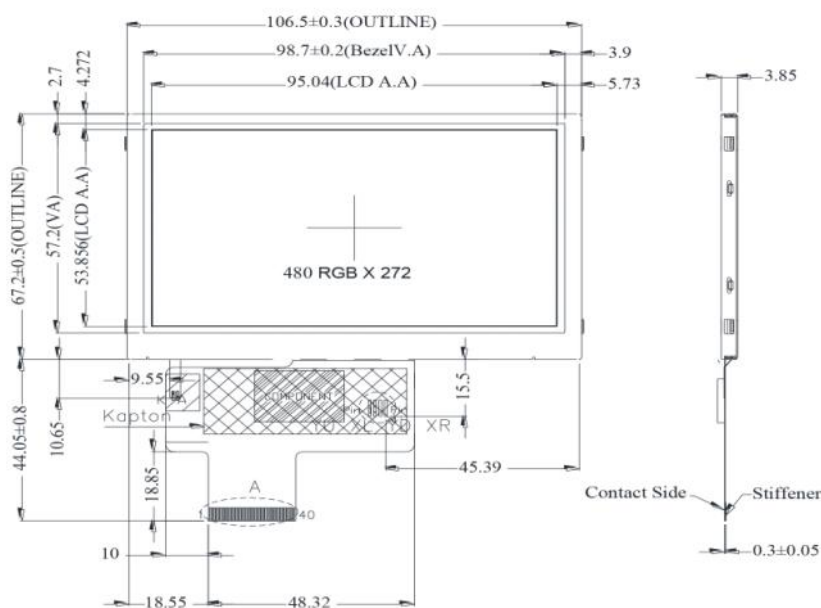| Item-WF35T	Dimension
Size	3.5 inches
Dot Matrix	320 x RGBx240(TFT)
Module dimension	76.9(W) x 63.9(H) x 3.1(D) mm
Active area	70.08 x 52.56 mm
Dot pitch	0.073 x 0.219 mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Backlight Type	LED, Normally White
Touch Screen	CPT Developing
Surface	Glare

Product Introduction - TFT 4.3" WF43T

The WF43T is our new released 4.3 inches of wide temperatures standard TFT model.   The display WF43T is with VA LCD type (80/80/80/80) therefore, the view angle is wider than traditional TFTs which are with TN LCDs.

This model outline dimension is 106.5 x 67.2 mm and AA size is 95.04 x 53.86 mm. This TFT module can be operating at temperatures from $-30°C$ to $+80°C$; its storage temperatures range from $-30°C$ to $+80°C$. Below is the basic specification and drawing of WF43T as reference.   For any further information, please contact with our sales rep.

Item-WF43T	Dimension
Size	4.3 inches
Dot Matrix	480 x RGBx272(TFT)
Module dimension	106.5 x 67.2 x 3.85 mm
Active area	95.04 x 53.86 mm
Dot pitch	0.066 x 0.198 mm
LCD type	TFT, Normally Black, Transmissive
View Direction	Wide View (80/80/80/80)
Backlight Type	LED, Normally White
Touch Screen	CTP Developing
Surface	Glare

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Product Introduction - OLED 0.91" WEO012832D

The 0.91-inches is one of the most popular sizes of COG OLED. Winstar Display released a new standard COG 128x32 Graphic OLED items no. WEO012832D.   This display is built-in with SSD1306 IC which is with the module dimension of 30.0 x 11.5 mm and AA size of 22.384 x 5.584 mm.

This OLED module can be operating at temperatures from –40℃ to +80℃; its storage temperatures range from -40℃ to +80℃. Below is the basic specification of WEO012832D as reference.   For any further information such as samples or quotation, please contact with our sales rep.

Item-WEO012832D	Dimension
Dot Matrix	128 x 32 Dots
Module dimension	30.0× 11.5 × 1.4 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	Available Yellow, White
Drive Duty	1/32 Duty
IC	SSD1306BZ