

Taiwan, Aug, 2015

Thanks to read Winstar Newsletter issue no.83. Winstar Display has extended two new models to Winstar TFT family WF43E and WF56B as well as a new 128x64 Graphic dual-color OLED WEO012864MX. Welcome to read the content thru the below QR code on your cell phone.

QR Code - News issue no. 83

Winstar TFT Product Items Update

Winstar Display continues developing new TFT modules into our product lines in order to provide the customers' a wider range of TFT Display solution; especially we focused on the size of 3.5" to 12.1" TFT modules. Below is a quick selection chart of Winstar currently TFT available models for your reference.

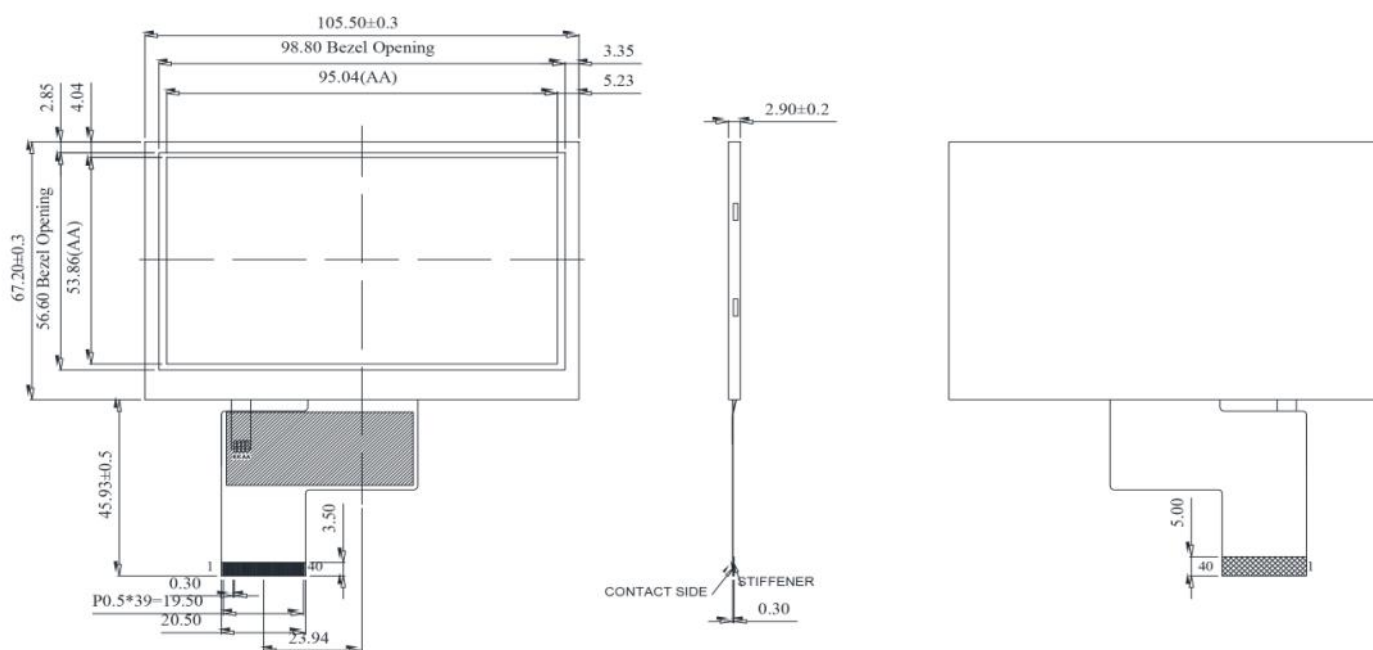
Winstar TFT Modules				
Type	Model Number			
Standard Items	3.5" / WF35L	4.3" / WF43H	5" / WF50B 5.6" / WF56B	5.7" / WF57B/D/E
	7.0" / WF70G	8.0" / WF80B	10.2" / WF102A	12.1" / WF121A
Economic version	3.5" / WF35L	4.3" / WF43G	7.0" / WF70G	
Nichia LED	3.5" / WF35L	4.3" / WF43G		
High Brightness	3.5" / WF35L	4.3" / WF43H	5.7" / WF57D/E	7.0" / WF70G
O-TFT	3.5" / WF35L	4.3" / WF43H	5.7" / WF57E	7.0" / WF70G
Q series	3.5" / WF35Q	4.3" / WF43Q	5.7" / WF57Q	7.0" / WF70Q
	8.0" / WF80Q	10.2" / WF102Q		
P series	3.5" / WF35P	4.3" / WF43P	5.7" / WF57P	7.0" / WF70P
	8.0" / WF80P	10.2" / WF102P		
M series	3.5" / WF35M	4.3" / WF43M	5.7" / WF57M	
Mono TFT	3.5" / WF35N	5.7" / WF57S	6.2" / WF62A	
LVDS	7.0" / WF70U	10.1" / WF101A	12.1" / WF121A	12.1" / WF121A
Wide Temp.	3.5" / WF35T	4.3" / WF43T	5.7" / WF57R	7.0" / WF70R
	8.0" / WF80A	10.2" / WF102A	12.1" / WF121A	



Product Introduction - 4.3" TFT WF43E

The WF43E is a 4.3" of Winstar TFT display which gray scale inversion direction is 12 o'clock. Currently, the gray scale inversion of Winstar 4.3" TFT standard model is 6 o'clock. If your application needs different view direction, this WF43E is a good option for you. This display is with the module dimension of 105.5 x 67.2 mm and AA size of 95.04 x 53.85 mm. The WF43E module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. Below is the basic specification and drawing of WF43E as reference.

Item-WF43E	Dimension
Size	4.3 inches
Dot Matrix	480 RGB(H) x 272(V)
Module dimension	105.5 x 67.2x 2.9 (Typ.) mm
Active area	95.04(H) x 53.85(V) mm
Dot pitch	0.198(H) x 0.198(V) mm
LCD type	TFT, Normally White, Transmissive
View Direction	6 o'clock
Gray Scale Inversion Direction	12 o'clock
Backlight Type	Normally White
Touch Panel	RTP & CTP option
Surface	Anti-Glare

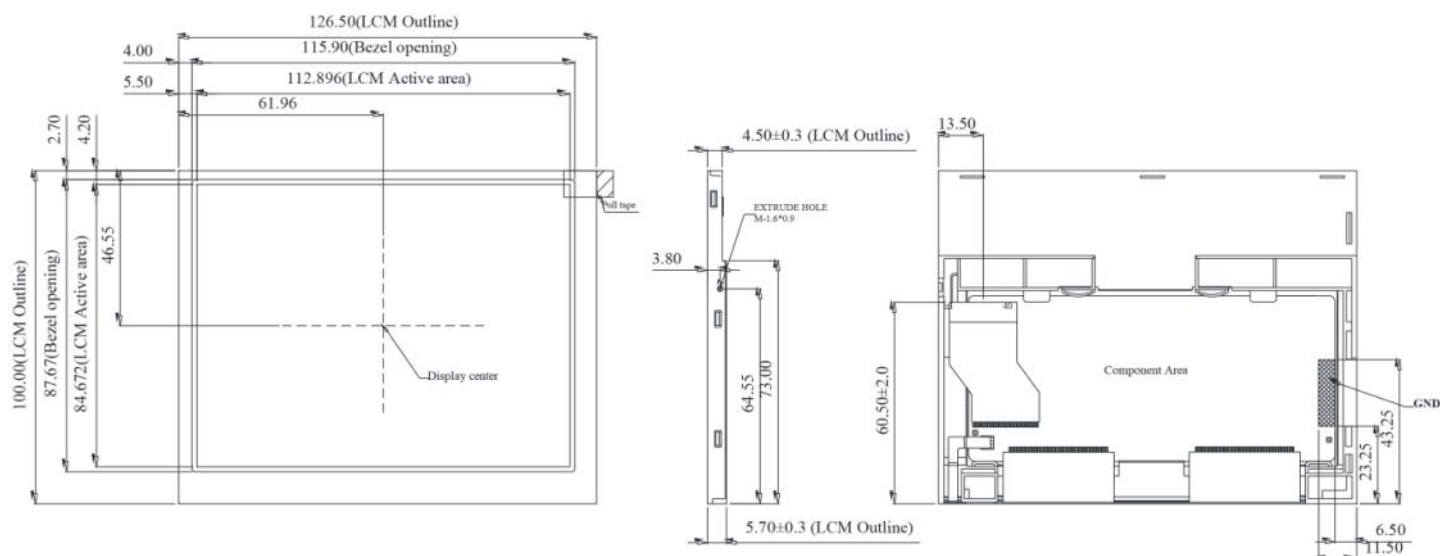
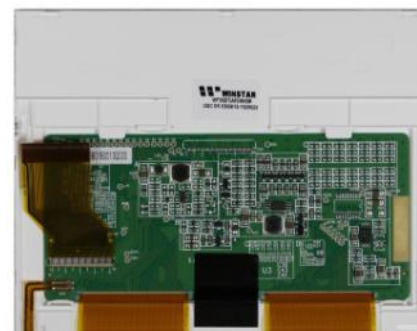


Product Introduction - 5.6" TFT WF56B

Winstar Display released a new 5.6" standard higher resolution TFT model. The dimension is similar to regular 5.7" standard 320x240 TFT modules but with a better resolution of 640x480 dots. The WF56B is a good option for customers while designing a new project which request a better resolution or complete price. The display WF56B is with outline dimension of 126.5 x 100.0 mm and AA size of 112.896 x 84.672 mm.

WF56B module can be operating at temperatures from -20°C to $+70^{\circ}\text{C}$; its storage temperatures range from -30°C to $+80^{\circ}\text{C}$. Below is the basic specification and drawing of WF56B as reference.

Item - WF56B	Dimension
Size	5.6 inches
Dot Matrix	640 × (RGB) × 480
Module dimension	126.5(W) × 100(H) × 5.7(D) mm
Active area	112.896 (W) × 84.672(H) mm
Dot pitch	0.0588(W) × 0.1764(H) mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Backlight Type	LED, Normally White
Surface	Anti-Glare



Product Introduction - Dual Color 0.96" OLED WEO012864MX

Winstar Display released a COG 0.96" dual color OLED WEO012864MX. This display is a new standard 128x64 Graphic dual color OLED model which is yellow/skyblue color only. The WEO012864MX is built-in with SSD1306 IC which is with the module dimension of 26.7 x 19.26 mm and AA size of 21.744 x 11.204 mm. If you need a monochrome 128x64 OLED module which is with a similar dimension of WEO012864M, please choose Winstar WEO012864D model.

This OLED module can be operating at temperatures from -40°C to $+80^{\circ}\text{C}$; its storage temperatures range from -40°C to $+80^{\circ}\text{C}$. Below is the basic specification of WEO012864M as reference. For any further information, please contact with us.

Item-WEX012864MX	Dimension
Dot Matrix	128 x 64 Dots
Module dimension	26.7× 19.26 × 1.65 (mm) 0.96"
Active Area	21.744×11.204 (mm)
Pixel Size	0.148 × 0.148 (mm)
Pixel Pitch	0.17 × 0.17 (mm)
Display Mode	Passive Matrix
Display Color	Yellow / SkyBlue (Dual Color)
Drive Duty	1/64 Duty
IC	SSD1306

