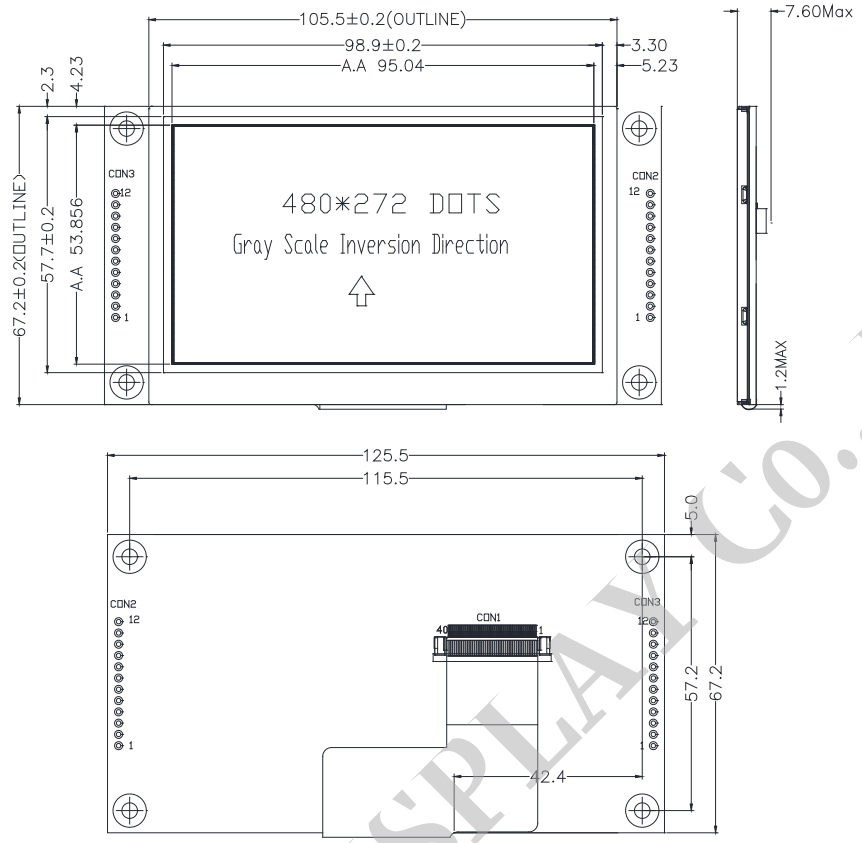
WF43M TFT Graphic 480x272 dots



Feature

1. 4.3 inches Color TFT
2. Dot Matrix: 480xRGBx272
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. +5V power supply of VBUS
6. Option RTP/CTP
7. Controller IC : PIC24 Series
8. LED Driver system build in
9. Interface : RS232 19200 Baud rate/SPI

CON 2

Pin No.	Symbol	function
1	GND	Power Ground
2	TX	RS232 Transmit pin
3	RX	RS232 Receive pin
4	VBUS	Power supply : 5V
5	D+	USB Data +
6	D-	USB Data -
7	GND	Power Ground
8	/REST	Reset (active Low)
9	GND	Power Ground
10	PWM	Pulse width modulation
11	GND	Power Ground
12	VBUS	Power supply : 5V

CON 3

Pin No.	Symbol	function
1	GND	Power Ground
2~5	SW1~4	Switch (active low)
6	GND	Power Ground
7	SDI	Serial Data Input
8	SDO	Serial Data Output
9	SCK	Serial Clock
10	SCS	Serial Chip selection
11	SPI_INT	Serial Interrupt
12	VBUS	Power supply : 5V

Mechanical Data

Item	Standard Value	Unit
Module Dimension	125.5 x 67.2	mm
Viewing Area	98.9 x 57.7	mm
Active Area	95.04 x 53.85	mm
Dot Pitch	0.066 x 0.198	mm

Electrical Characteristics (Operationg conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VBUS	4.5	5	5.5	V
Supply Current	IBUS	---	220	240	mA

WINSTAR DISPLAY Co., Ltd.