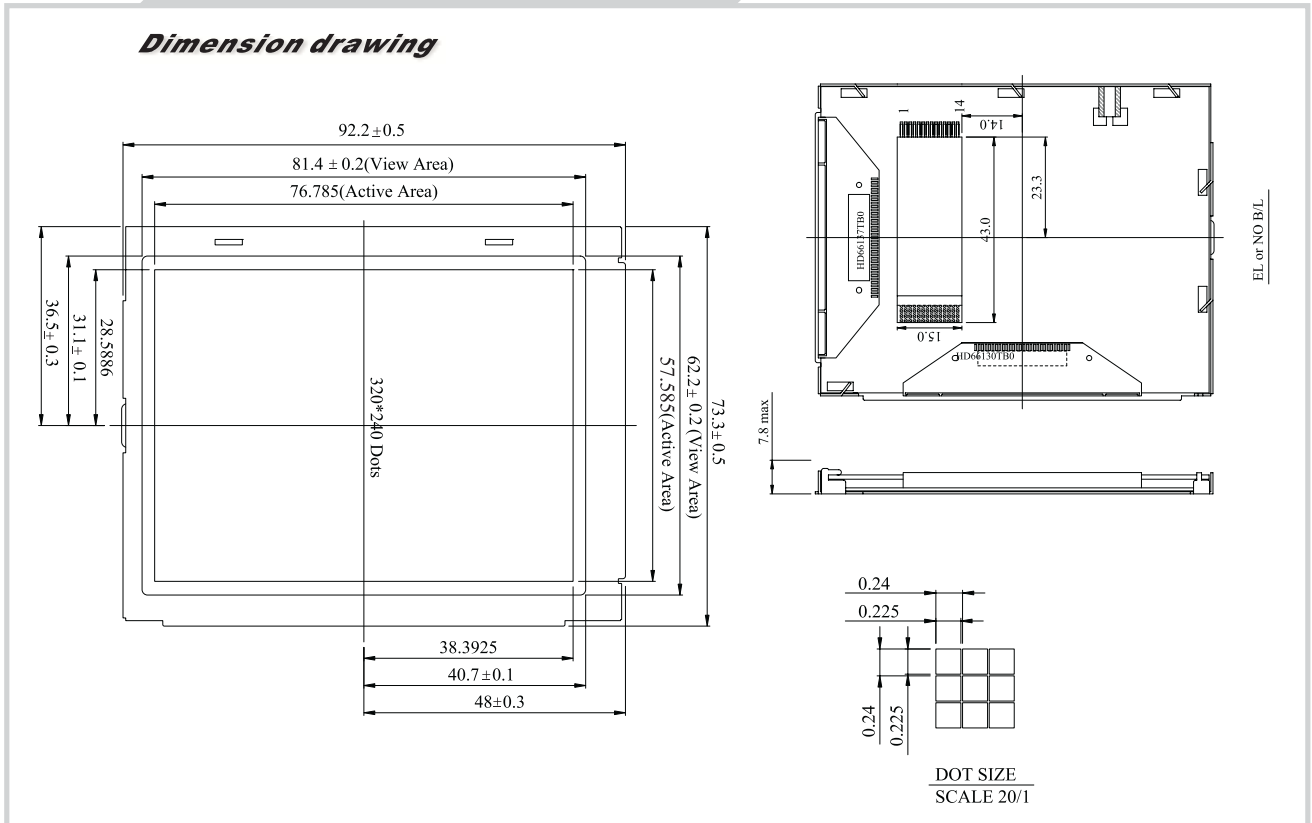




**WX320240A** Graphic 320x240dots



Graphic type

**Feature**

- 320x240 dots FSTN
- 4-bit data bus
- Built-in EL backlight & EL inverter
- +5V power supply
- 1/240 duty cycle

Pin NO.	Symbol	Function
1	CL2(SCP)	Data shift pulse
2	CL1(LP)	Data latch pulse
3	FLM	Scan start-up signal
4	M(N.C.)	Frame reverse signal (alternate signal)
5	DB0	Display data
6	DB1	Display data
7	DB2	Display data
8	DB3	Display data
9	Vee	Power supply for LCD (+V)
10	Vdd	Power supply for LOGIC
11	Vss	Power supply (0V)
12	BLE	H:EL enable L:EL disable
13	V <sub>ELG</sub>	Power supply for EL (GND,0V)
14	V <sub>EL</sub>	Power supply for EL (+)

**Mechanical Data**

Item	Standard Value	Unit
Module Dimension	92.2(H)x73.3(W)x7.8	mm
Viewing Area	81.4x62.2	mm
Dot Size	0.22x0.22	mm
Dot Pitch	0.24x0.24	mm

**Absolute Maximum Rating**

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	2.7	3.0	3.3	V
Input Voltage	VI	0.8V <sub>DD</sub>	---	VDD	V

Note : VSS=0 Volt, VDD=5.0 Volt.

**Electronical Characteristics**

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	L level	0.8V <sub>DD</sub>	---	V <sub>DD</sub>	V
	VIO	H level	V <sub>SS</sub>	---	0.2V <sub>DD</sub>	V
Supply Current	IDD	VDD=5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	0°C	---	---	---	V
		25°C	---	21.6	---	
		50°C	---	---	---	
Power consumption	---	VDD=5V VEE=21.6V VEL=5V	---	0.52	---	mA

