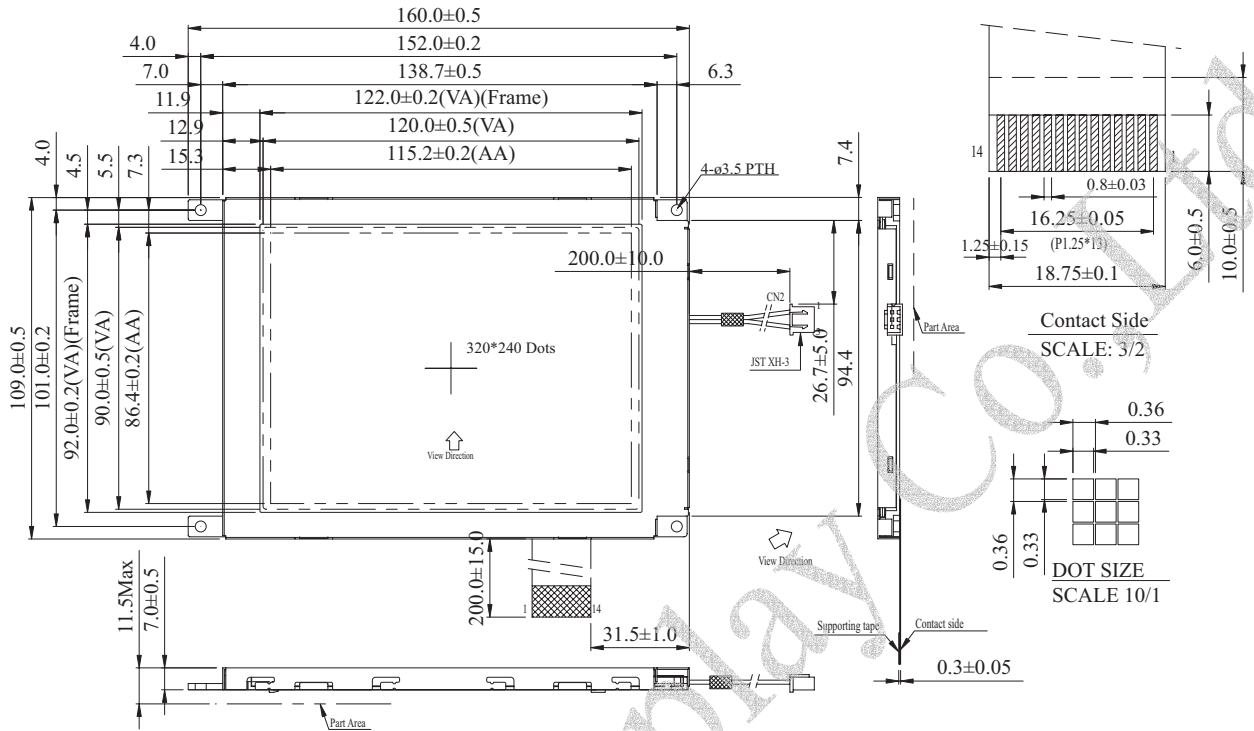


NEW

**WO320240A-T** Graphic 320x240 dots

**Dimension drawing**



Graphic type

**Feature**

1. 320\*240 DOTS
2. NO controller
3. 1/240 duty 1/17bias
3. +3.0~5.0V power supply

**Mechanical Data**

Item	Standard Value	Unit
Module Dimension	160.0x109.0x11.5MAX	mm
Viewing Area	120.0x90.0	mm
Dot Size	0.36x0.36	mm
Dot Pitch	0.33x0.33	mm

Pin NO.	Symbol	Function
1	D0	Display data signal
2	D1	Display data signal
3	D2	Display data signal
4	D3	Display data signal
5	DISPOFF	H:ON L:OFF
6	FRAME	Scan start-up signal
7	NC	No connection
8	LOAD	Input data latch signal
9	CP	Data input clock signal
10	VDD	Power supply for logic
11	VSS	Signal ground(0V)
12	VEE	Power supply for LCD
13	V0	LCD contrast adjust voltage
14	NC	No connection
15	A	LED+
16	NC	No connection
17	K	LED-

**Absolute Maximum Rating**

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	-0.3	---	VDD+0.3	V

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

**Electronical Characteristics**

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD		0.7VDD	---	VDD	V
Supply Current	IDD	VDD=5.0V	---	100	105	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	25.0	26.0	27.0	V
		0°C	---	---	---	
		25°C	22.5	23.0	23.5	
		50°C	---	---	---	
LED Forward Voltage	VF	25°C	3.4	3.5	3.6	V
LED Forward Current	IF	25°C	108	128	200	mA