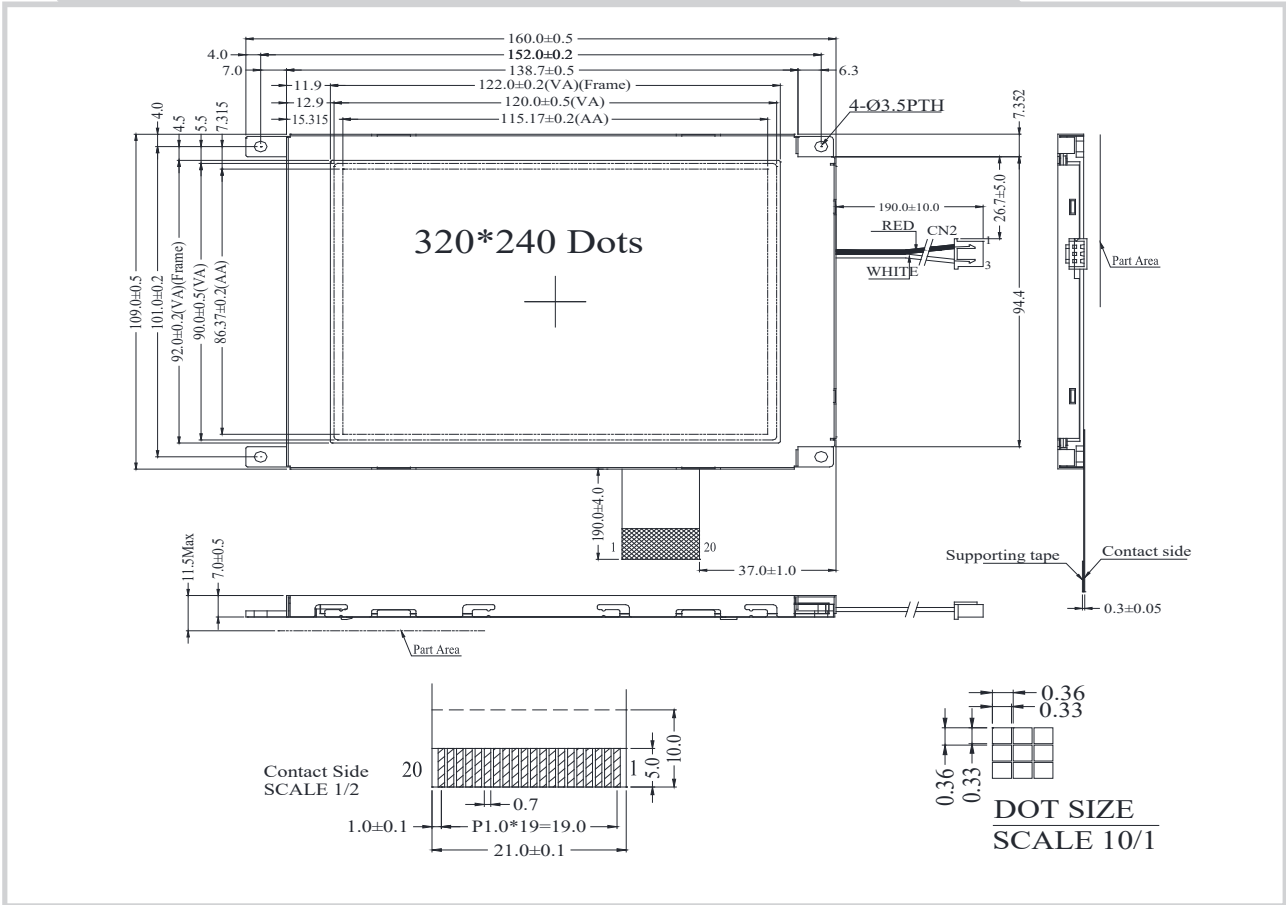


# NTO320240B Graphic 320x240



## Feature

1. 320x240 dots includes cursor
2. Built-in controller RA8835
3. 3.3V/5V power supply
4. 1/240 duty cycle

Pin No.	Symbol	Description
1	V <sub>SS</sub>	Ground
2	V <sub>DD</sub>	Power supply for logic
3	V <sub>O</sub>	Contrast Adjustment
4	A0	Data/ Instruction select signal
5	WR	Data write. Write data into LCD Controller
6	RD	Data read. Read data from LCD Controller
7~14	DB0~DB7	Data bus line
15	CS	Chip select input pins
16	RES	Controller reset signal, Active Low
17	V <sub>EE</sub>	Postive Voltage Output
18	SEL1	Interface selection 6800/8080
19	FGND	Frame ground
20	NC	No connection

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	160.0 x 109.0	mm
Viewing Area	120.0 x 90.0	mm
Mounting Hole	152.0 x 101.0	mm
Dot Pitch	0.36 x 0.36	mm
Dot Size	0.33 x 0.33	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	V <sub>DD</sub>	3/5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	V <sub>O</sub> -V <sub>SS</sub>	23.0	V