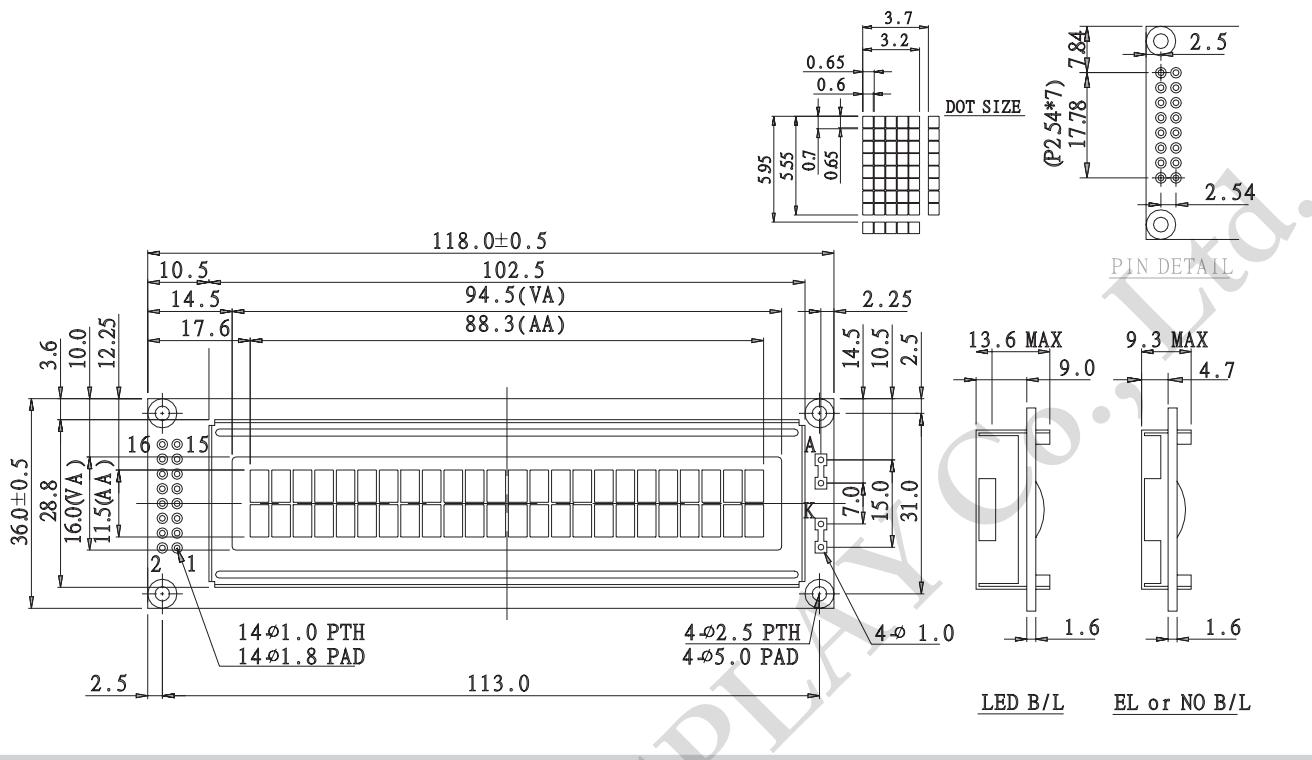




WH2402A Character 24x2

Dimension drawing



Feature

1. 5x8 dots includes cursor
2. Built-in controller (ST 7066 or Equivalent)
3. +5V power supply (Also available for +3V)
4. 1/16 duty cycle
5. LED can be driven by pin1,pin2,pin15,pin16 or A and K
6. N.V.optional for +3V power supply

Character type

Mechanical Data

Item	Standard Value	Unit
Module Dimension	118.0x36.0	mm
Viewing Area	94.5x16.0	mm
Mounting hole	113.0x 31.0	mm
Character Size	3.2x5.55	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	-0.3	---	7.0	V
Input Voltage	VI	-0.3	---	VDD	V

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

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	VDD=+5V	4.7	5.0	5.3	V
		VDD=+3V	2.7	3.0	5.3	V
Supply Current	IDD	VDD=5V	---	0.8	1.1	mA
		-20°C	5.1	5.3	5.7	V
		0°C	4.6	4.9	5.2	
		25°C	4.1	4.5	4.7	
		50°C	3.9	4.2	4.5	
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	70°C	3.7	3.9	4.3	V
		25°C	---	4.2	4.6	
		25°C	---	190	380	
		EL Power Supply Current	IEL	Vel=110VAC;400Hz	5.0	mA

Display Character Address Code

Display position

DD RAM Address	00 01	2	3	4	5	6	7	8	9	10	11	12	---	---	24
DD RAM Address	40 41														17

DD RAM Address