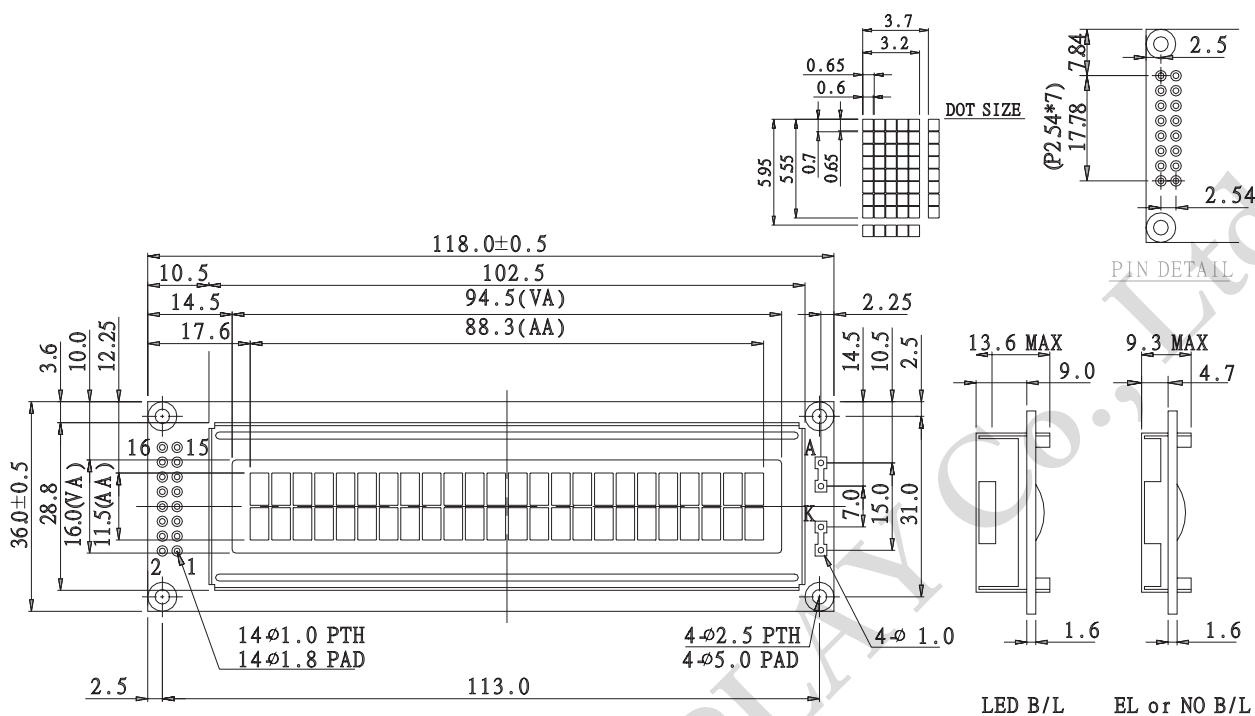




WH2402A Character 24x2

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

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

Character
type

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.

Electrical 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
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-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	
LED Forward Voltage	VF	25°C	---	4.2	4.6	V
LED Forward Current	IF	25°C	---	190	380	mA
EL Power Supply Current	IEL	Vel=110VAC;400Hz	---	---	5.0	mA

Display Character Address Code

Display position

DD RAM Address	00	01	02	03	04	05	06	07	08	09	10	11	12	---	---	---	24
DD RAM Address	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	57