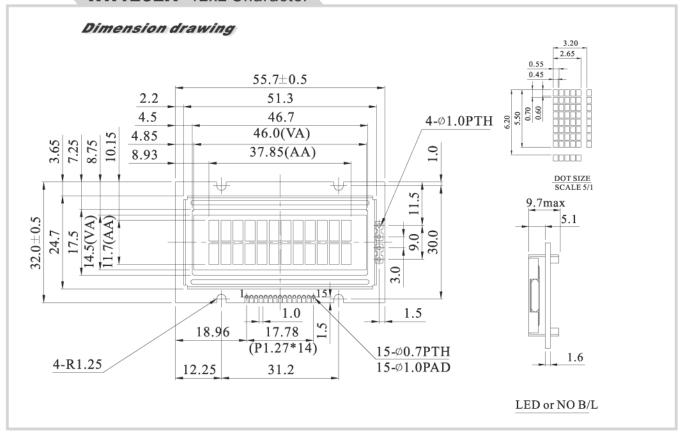


WH1202A 12x2 Character



Charactei type

Feature

- 1. 5x8 dots includes cursor
- 2. Built- in controller (KS 0066 or Equivalent)
- 3.+5V power supply
- 4. 1/16 duty cycle
- 5. LED to be driven by pin1, pin2, or A and K

Pin NO.	Symbol	Function
1	Vss	GND
2	Vdd	+ 5V
3	Vo	Contrast Adjustment
4	RS	H/L Register select signal
5	R/W	H/L Read / write signal
6	E	H→L Enable signal
7	DB0	H/L Data bus line
8	DB1	H/L Data bus line
9	DB2	H/L Data bus line
10	DB3	H/L Data bus line
11	DB4	H/L Data bus line
12	DB5	H/L Data bus line
13	DB6	H/L Data bus line
14	DB7	H/L Data bus line
15	Α	4.2V for LED (RA=OΩ)

Mechanical Data

Item	Standard Value	Unit						
Module Dimension	55.7 x 32.0	mm						
Viewing Area	46.0x14.5	mm						
Mounting hole	31.2x 30.0	mm						
Character Size	2.65 x 5.50	mm						

Absolute Maximum Rating

Item	Symbol	Stan	Unit								
item	Symbol	min.	typ.	max.	Unit						
Power Supply	VDD-VSS	-0.3		7.0	٧						
Input Voltage	VI	-0.3		VDD	٧						

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

Electronical Characteristics

Liettiviitai Gilai attelistits									
Item	Cumhal	Condition	Stan						
item	Symbol	Condition	min.	max.	Unit				
Input Voltage	VDD	VDD=+5V	4.7	5.0	5.3	٧			
Supply Current	IDD	VDD=+5V		1.3	1.5	mA			
		-20°C	4.9	5.2	5.5				
Recommended LC Driving		0°C	4.5	4.8	5.1				
Voltage for Normal Temp.	VDD-V0	25°C	4.1	4.4	4.7	٧			
Version module		50°C	3.8	4.2	4.4				
		70°C	3.5	4.0	4.1				
LED Forward Voltage	VF	25°C		4.2	4.6	٧			
LED Forward Current	IF	25°C		40	80	mΑ			

Display Character Address Code:

Display position	1	2	3	4	5	6	7	Ω	a	10	11	12
DD RAM Address	00	01		_			Ĺ				Ü	0C
DD RAM Address	40	41										4C

