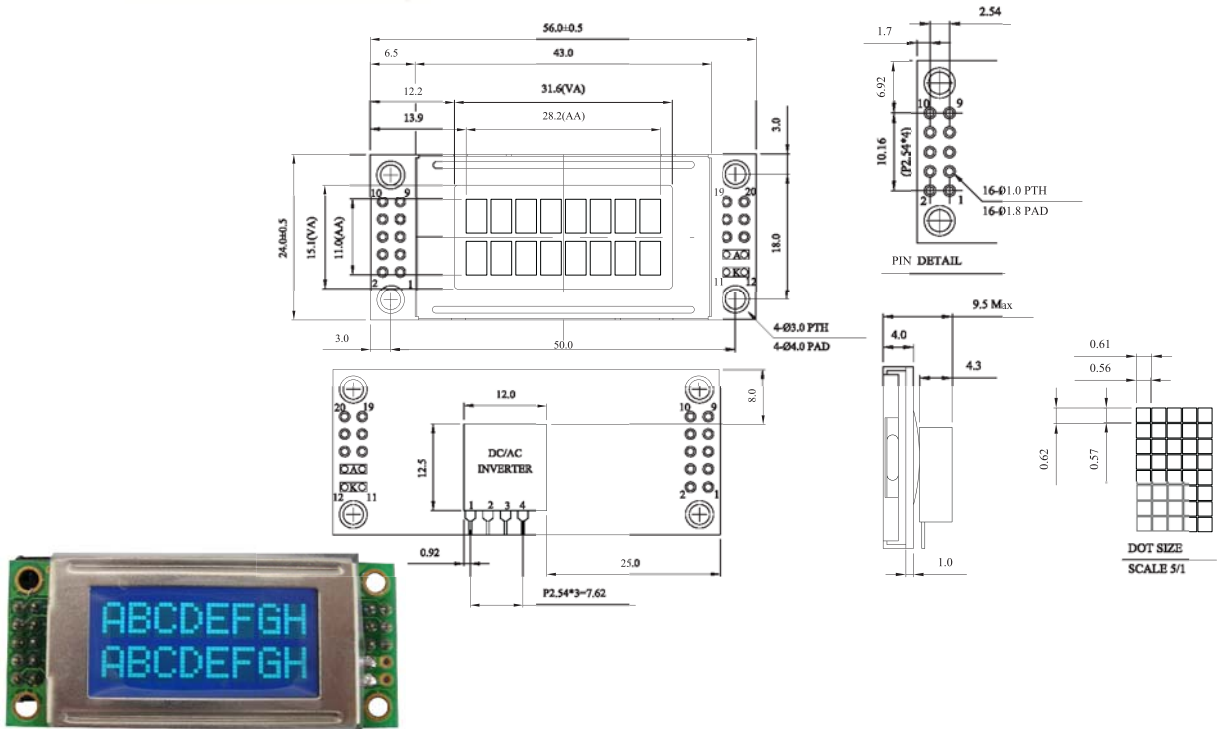




WH0802C 8x2 Character

Dimension drawing



Feature

1. 5x8 dots includes cursor
2. Built-in controller (KS 0066 or Equivalent)
3. +5V power supply
4. 1/16 duty cycle
5. EL built-in enable

Character type

Pin NO.	Symbol	Function
1	VSS	GND
2	VDD	Power supply for logic
3	Vo	Operating voltage LCD driving
4	RS	Register select signal
5	R/W	H/L Read / write signal
6	E	H→L Enable signal
7	DB4	Data bus line
8	DB5	Data bus line
9	DB6	Data bus line
10	DB7	Data bus line
11	K	Power supply for B/L
12	K	Power supply for B/L
13	A	Power supply for B/L
14	A	Power supply for B/L
15	BLE	H:EL enable L:EL disable
16	NC	No connection
17	DB0	Data bus line
18	DB1	Data bus line
19	DB2	Data bus line
20	DB3	Data bus line

Mechanical Data

Item	Standard Value	Unit
Module Dimension	56x24	mm
Viewing Area	31.6x15.1	mm
Mounting hole	50x18	mm
Character Size	4.91x3.0	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	---	5	5.5	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	---	---	---	V
Supply Current	IDD	VDD=+5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	---	---	5.5	V
		0°C	---	---	4.8	
		25°C	---	4.5	---	
		50°C	4.2	---	---	
70°C	3.8	---	---			

Display Character Address Code :

Display position
 DD RAM Address 1 2 3 4 5 6 7 8
 DD RAM Address 00|01|02|03|04|05|06|07
 DD RAM Address 40|41|42|43|44|45|46|47

