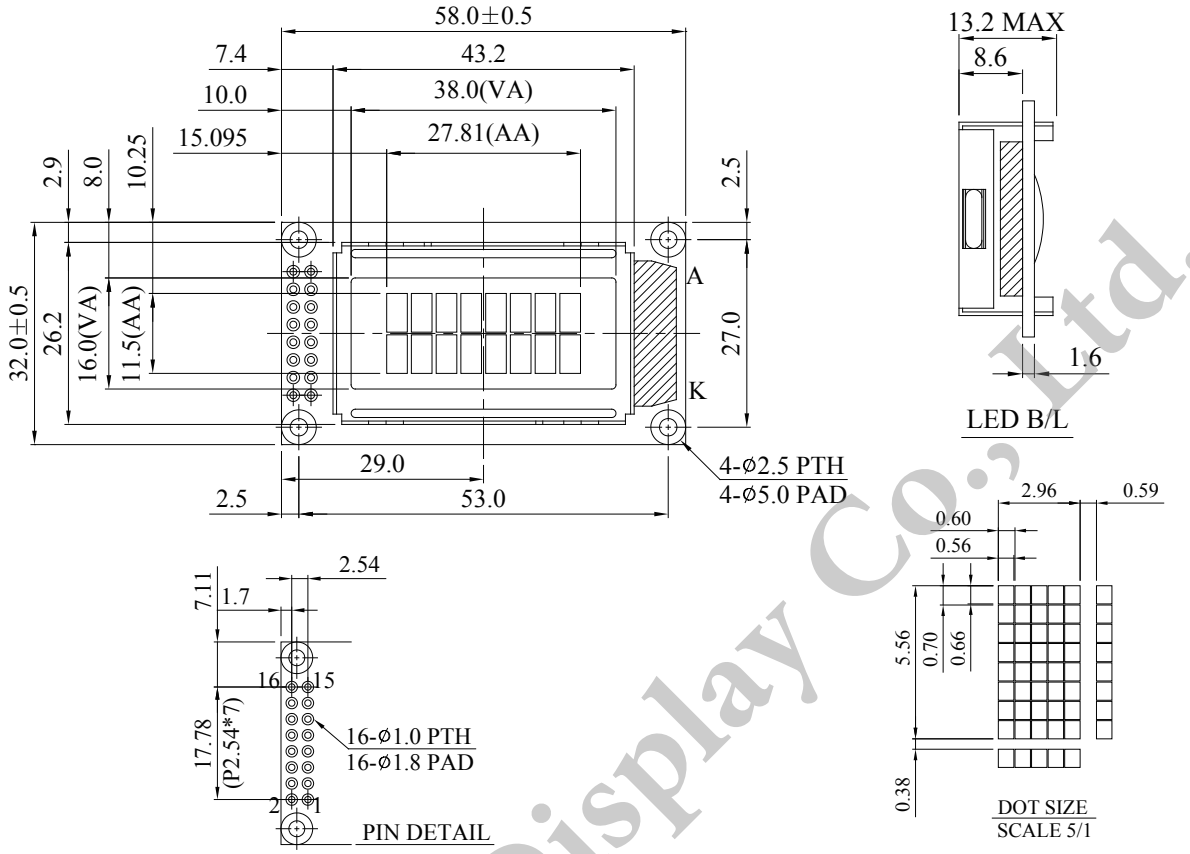
WH0802A1 VATN Character 8x2



WINSTAR Display Co., Ltd.

Feature

1.5x8 dots includes cursor
2.Bulit-in controller RW1063
3.5V power supply only
4.1/16 duty cycle
5.LED type : Green / Blue / Red / White / Y- G
6.LED can be driven by PIN1, PIN2 or K
7.Interface : Option 6800, SPI, I2C

Pin No.	Symbol	Description
1	V_{SS}	Ground
2	V_{DD}	Power supply for logic
3	NC	No connection
4	RS	Data/ Instruction select signal
5	R/W	Read/Write select signal
6	E	Enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	A	Power supply for B/L +
16	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	58.0 x 32.0	mm
Viewing Area	38.0 x 16.0	mm
Mounting Hole	53.0 x 27.0	mm
Character Size	2.96 x 5.56	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25ºC	VDD-VO	---	V

Display Character Address Code

Display position

	1	2	3	4	5	6	7	8
DD RAM Address	00	01						07
DD RAM Address	40	41						47