WINSTAR Display

OLED SPECIFICATION

Model No:

WEO1602x#G00-FC

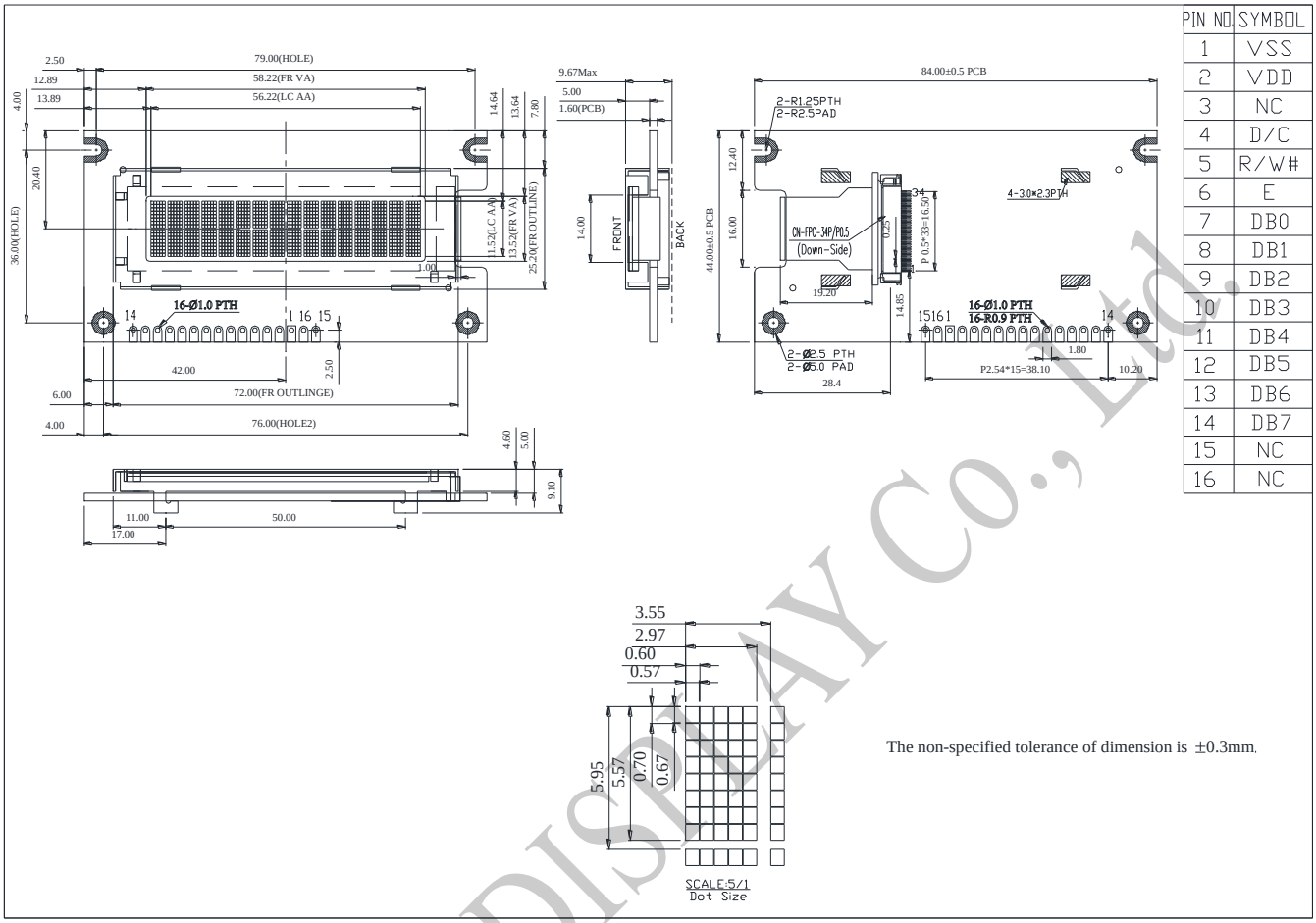
Version: C

General Specification

Item	Dimension	Unit
Number of Characters	16 characters x 2 Lines	—
Module dimension	84.0 x 44.0 x 9.67	mm
View area	58.22 x 13.52	mm
Active area	56.22 x 11.52	mm
Dot size	0.57 x 0.67	mm
Dot pitch	0.60 x 0.70	mm
Character size	2.97 x 5.57	mm
Character pitch	3.55 x 5.95	mm
Panel type	OLED , Monochrome	
Duty	1/16	
IC	SSD1311	

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Contour Drawing & Block Diagram



PIN NO.	SYMBOL
1	VSS
2	VDD
3	NC
4	D/C
5	R/W#
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	NC
16	NC

The non-specified tolerance of dimension is ±0.3mm.

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Display Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DD RAM Address	00	01														0F
DD RAM Address	40	41														4F

Interface Pin Function

Pin No.	Symbol	Pin Type	Description
1	VSS	P	Ground pin.
2	VDD	P	Power supply for core logic operation. A capacitor should be connected between VDD and VSS under all circumstances.
3	NC		No connection
4	D/C#	I	This pin is Data/Command control pin connecting to the MCU. When the pin is pulled HIGH, the data at D[7:0] will be interpreted as data. When the pin is pulled LOW, the data at D[7:0] will be transferred to a command register.
5	R/W#	I	This pin is read / write control input pin connecting to the MCU interface. When 6800 interface mode is selected, this pin will be used as Read/Write (R/W#) selection input. Read mode will be carried out when this pin is pulled HIGH and write mode when LOW.
6	E	I	This pin is MCU interface input. When 6800 interface mode is selected, this pin will be used as the Enable (E) signal. Read/write operation is initiated when this pin is pulled HIGH and the chip is selected.
7~14	DB0~ DB7	I/O	These pins are bi-directional data bus connecting to the MCU data bus. Unused pins are recommended to tie LOW.
15	NC		No connection
16	NC		No connection

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