



## PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V <sub>SS</sub>	0V	Ground
2	V <sub>DD</sub>	3.3V	Power supply for Logic
3	NC	-	No connection
4	A0	H/L	Data/Command select
5	/WR	L	8080: Write signal
6	/RD	L	8080: Read signal
7	DB0	H/L	Data bus line
14	DB7		Serial mode :D1-S1 D0-SCL
15	/CS	L	Chip select signal
16	/REST	L	Reset signal ,active "L"
17	BS0	H/L	BS0 、 BS1: interface select: 01:8080 parallel 11:6800 parallel 00: Serial
18	BS1	H/L	
19	NC	-	
20	NC	-	No connection

## MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size ( W x H x T )	163.5X54.0X9.5	mm
Viewing Area ( W x H )	137.6X35.7	mm
Dot Pitch ( W x H )	0.53X0.53	mm
Dot Size ( W x H )	0.50X0.50	mm

## ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V <sub>DD</sub> -V <sub>SS</sub>	0	4.0	V
Supply Voltage(OLED)	V <sub>CC</sub> -V <sub>SS</sub>	0	16.0	V
Input Voltage	V <sub>I</sub>	0	V <sub>DD</sub>	V
Operating Temp.	T <sub>OPR</sub>	-30	+70	°C
Storage Temp.	T <sub>STG</sub>	-40	+80	°C

## ELECTRICAL CHARACTERISTICS ( V<sub>DD</sub>=3.3V, T<sub>a</sub>=25°C )

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V <sub>IH</sub>	0.8 V <sub>DD</sub>	-	V <sub>DD</sub>	V
Input Low Voltage	V <sub>IL</sub>	V <sub>SS</sub>	-	0.2V <sub>DD</sub>	V
Output High Voltage	V <sub>OH</sub>	0.9 V <sub>DD</sub>	-	V <sub>DD</sub>	V
Output Low Voltage	V <sub>OL</sub>	V <sub>SS</sub>	-	0.1V <sub>DD</sub>	V
Supply Current	I <sub>DD</sub>	-	TBD	-	mA
OLED Display Voltage ( GREEN )	V <sub>CC</sub> -V <sub>SS</sub>	14.5	15.0	15.5	V

## NOTES:

1. Built-in SSD1322 controller
2. 3.3V/5.0V power supply optional
3. Parallel / Serial interface optional
4. Display color : GREEN