



**PIN CONNECTIONS**

Pin	Symbol	Level	Function
1	DB7	H/L	Data bus
8	DB0		
9	/RD	L	8080: Read signal
10	/WR	L	8080: Write signal
11	D/C	H/L	Data/Command select
12	/CS	L	Chip enable signal
13	/REST	L	Reset signal ,active "L"
14	V <sub>DD</sub>	+3.3V	Power supply for Logic
15	V <sub>SS</sub>	0V	Ground
16	FG	-	Frame Ground

**NOTES:**

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

**MECHANICAL DATA**

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	108.0X74.8X12	mm
Viewing Area (W x H)	77.58X42.3	mm
Dot Pitch (W x H)	0.315X0.315	mm
Dot Size (W x H)	0.29X0.29	mm

**ABSOLUTE MAXIMUM RATINGS**

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V <sub>DD</sub> -V <sub>SS</sub>	0	3.5	V
Supply Voltage(OLED)	V <sub>CC</sub> -V <sub>SS</sub>	0	20.0	V
Input Voltage	V <sub>I</sub>	0	V <sub>DD</sub>	V
Operating Temp.	T <sub>OPR</sub>	-30	+80	°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	V <sub>CC</sub> -V <sub>SS</sub>	10	14	20	V