



**PIN CONNECTIONS**

Pin	Symbol	Level	Function
1	VSS	0V	Ground
2	VDD	+5V	Power supply for Logic
3	NC	-	No connection
4~11	DB0-DB7	H/L	Data bus line
12	/CS	L	Chip select ,active "L"
13	NC	-	No connection
14	/REST	L	Reset signal ,active "L"
15	R/W	H/L	Write signal
16	D/C	H/L	H: Data L: Command
17	E	L	Enable signal
18	NC	-	No connection
19	DISP	H/L	H: OLED on L: OLED off
20	NC	-	No connection

**NOTES:**

1. controller compatible with SSD1305
2. 5.0V power supply
3. Parallel/Serial interface optional
4. Display color :Green/Yellow

**MECHANICAL DATA**

Item	Nominal Dimensions	Unit
Module Size ( W x H x T )	75.0×56.5×8.5MAX.	mm
Viewing Area ( W x H )	57.5X30	mm
Character Size(W x H )	0.43X0.43	mm
Dot Size ( W x H )	0.40X0.40	mm

**ABSOLUTE MAXIMUM RATINGS**

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V <sub>DD</sub> -V <sub>SS</sub>	0	5.5	V
Operating Temp.	T <sub>OPR.</sub>	-40	+80	°C
Storage Temp.	T <sub>STG.</sub>	-40	+80	°C

**ELECTRICAL CHARACTERISTICS ( V<sub>DD</sub>=5.0V, Ta=25°C )**

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V <sub>IH</sub>	0.8 V <sub>DD</sub>	-	-	V
Input Low Voltage	V <sub>IL</sub>	-	-	0.2V <sub>DD</sub>	V
Output High Voltage	V <sub>OH</sub>	0.9 V <sub>DD</sub>	-	-	V
Output Low Voltage	V <sub>OL</sub>	-	-	0.1V <sub>DD</sub>	V
Supply Current	I <sub>DD</sub>	-	120	-	mA