



**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	D/C	H/L	Data/Command select
5	/WR	L	Write signal
6	/RD	L	Read signal
7	DB0	H/L	Data bus line
14	DB7		Serial mode :D1-SI D0-SCL
15	/CS	L	Chip enable signal
16	/REST	L	Reset signal ,active “L”
17	M80	H/L	M80 、 MS: interface select:
18	MS		01:6800 parallel 11:8080 parallel 00: Serial
19	NC		-
20	FG	-	Frame Ground

**MECHANICAL DATA**

Item	Nominal Dimensions	Unit
Module Size ( W x H x T )	75.0X53.5X7.0	mm
Viewing Area ( W x H )	63.4X32.7	mm
Dot Pitch ( W x H )	0.48X0.48	mm
Dot Size ( W x H )	0.455X0.455	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	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, Ta=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>	12.5	13.0	13.5	V

**NOTES:**

1. Built-in SSD1325 controller
2. Parallel / Serial interface optional
3. Display color :YELLOW/GREEN