



**PIN CONNECTIONS**

Pin	Symbol	Level	Function
1	VSS	0V	GND
2	VDD	+5.0V	Power Supply for logic
3	NC	-	No connection
4	RS	H/L	H: Data L: Command
5	R/W	H/L	H: Read L: Write
6	E	H-L	Enable signal
7~14	DB0~DB7	H/L	Data bus
15~16	NC	-	No connection

**MECHANICAL DATA**

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	80.0X36.0X7.0 MAX	mm
Viewing Area (W x H)	58.22X13.52	mm
Character Size(W x H)	2.97x5.57	mm
Dot Size (W x H)	0.57x0.67	mm

**ABSOLUTE MAXIMUM RATINGS**

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V <sub>DD</sub> -V <sub>SS</sub>	0	5.5	V
Input Voltage	V <sub>I</sub>	0	V <sub>DD</sub>	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, T<sub>a</sub>=25°C )**

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V <sub>IH</sub>	0.7 V <sub>DD</sub>	-	V <sub>DD</sub>	V
Input Low Voltage	V <sub>IL</sub>	0	-	0.3V <sub>DD</sub>	V
Output High Voltage	V <sub>OH</sub>	0.7 V <sub>DD</sub>	-	V <sub>DD</sub>	V
Output Low Voltage	V <sub>OL</sub>	0	-	0.3V <sub>DD</sub>	V
Supply Current	I <sub>DD</sub>	-	25	-	mA

**NOTES:**

1. 3.3V/5V power supply optional
2. 8-bit 6800 type
3. Display color : Yellow