



PIN CONNECTIONS

| Pin | Symbol | Level | Function |
|-----|-----------------|-------|--|
| 1 | V _{SS} | 0V | Ground |
| 2 | V _{DD} | 5V | Power supply for Logic |
| 3 | V _O | - | OLED Display voltage |
| 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 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 | - | No connection |
| 20 | FG | - | Frame Ground |

MECHANICAL DATA

| Item | Nominal Dimensions | Unit |
|---------------------------|--------------------|------|
| Module Size (W x H x T) | 93.0X70.0X9.4 | mm |
| Viewing Area (W x H) | 65.0X33.0 | 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 _{DD} -V _{SS} | 0 | 3.5 | V |
| Supply Voltage(OLED) | V _{CC} -V _{SS} | 0 | 16.0 | V |
| Input Voltage | V _I | 0 | V _{DD} | V |
| Operating Temp. | T _{OPR} | -30 | +70 | °C |
| Storage Temp. | T _{STG} | -40 | +80 | °C |

ELECTRICAL CHARACTERISTICS (V_{DD}=5V, Ta=25°C)

| Item | Symbol | Min. | Typ. | Max. | Unit |
|-----------------------------|----------------------------------|---------------------|------|--------------------|------|
| Input High Voltage | V _{IH} | 0.8 V _{DD} | - | V _{DD} | V |
| Input Low Voltage | V _{IL} | V _{SS} | - | 0.2V _{DD} | V |
| Output High Voltage | V _{OH} | 0.9 V _{DD} | - | V _{DD} | V |
| Output Low Voltage | V _{OL} | V _{SS} | - | 0.1V _{DD} | V |
| Supply Current | I _{DD} | - | TBD | - | mA |
| OLED Display Voltage(GREEN) | V _{CC} -V _{SS} | 12.5 | 13.0 | 13.5 | V |

NOTES:

1. Built-in SSD1325 controller
2. 3.3V/5V power supply optional
- 3.Parallel / Serial interface optional
- 4.Display color :YELLOW/GREEN