Mechanical Data

Item	Dimension	Unit
Module dimension	98.0 x 60.0 x 10.0(MAX)	mm
View area	77.0 x 25.20	mm
Active area	58.95 x 19.15	mm
Mounting hole	93.0 x 55.0	mm
Dot size	0.54 x 0.55	mm
Dot pitch	0.59 x 0.60	mm

Absolute Maximum Rating

Item	Symbol	Min	Max	Unit	Notes
Input Voltage	V_I	-0.3	VDD	V	
Supply Voltage For Logic	VDD-V_{SS}	-0.3	5.3	V	

Electronical Characteristics

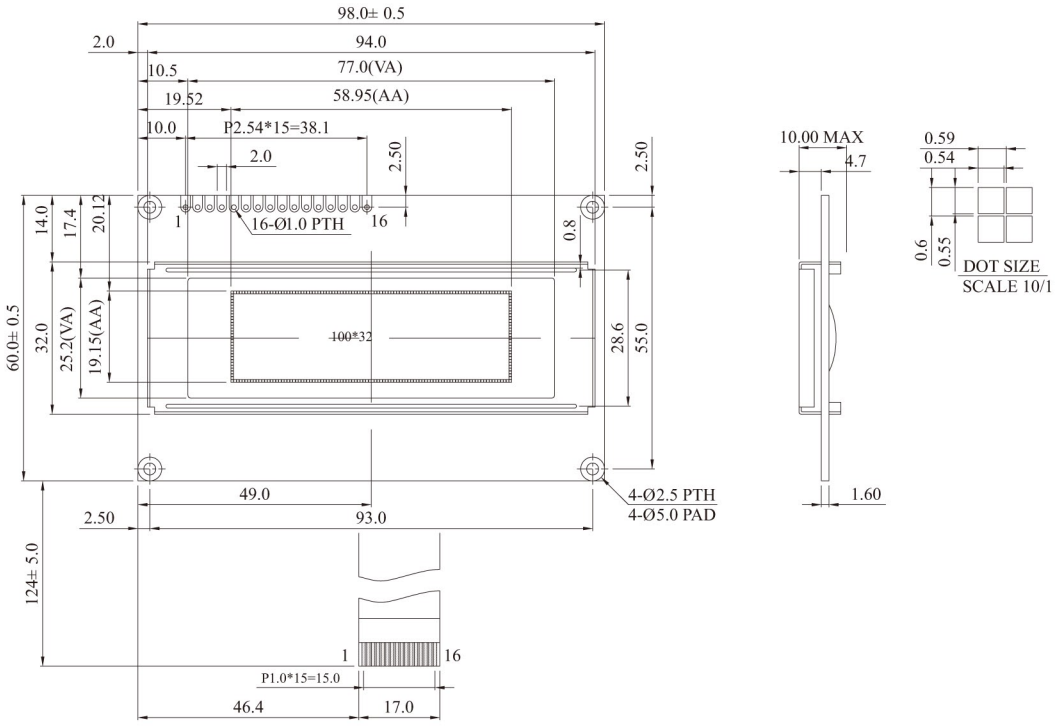
Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For Logic	VDD-VSS	–	3.0	5.0	5.3	V
Input High Volt.	VIH	–	0.9 VDD	–	VDD	V
Input Low Volt.	VIL	–	GND	–	0.1VDD	V
Output High Volt.	VOH	IOH=-0.5mA	0.8 VDD	–	VDD	V
Output Low Volt.	VOL	IOL=0.5mA	GND	–	0.2 VDD	V
Supply Current	IDD	VDD=5V	–	43	–	mA

Feature

1. 100x32 dots
2. Built-in Controller RS0010
3. +5V power supply
4. 1/16 duty cycle
5. Interface: 6800, option 8080 & SPI
6. Sunlight readable & polarizer optional

Pin No.	Symbol	Description
1	VSS	Ground
2	VDD	Supply Voltage for logic
3	NC	
4	RS	H: DATA, L: Instruction code
5	R/W	H: Read(MPU←Module) L: Write(MPU→Module)
6	E	H→L Enable signal
7	DB0	Data bit 0
8	DB1	Data bit 1
9	DB2	Data bit 2
10	DB3	Data bit 3
11	DB4	Data bit 4
12	DB5	Data bit 5
13	DB6	Data bit 6
14	DB7	Data bit 7
15	CS1	Chip1 select input pin
16	CS2	Chip2 select input pin

OLED Graphic type

REG010032B OLED Graphic 100x32 dots

Dimension drawing