



SPECIFICATION

OLED SPECIFICATION

Model No:

REC002002A

General Specification

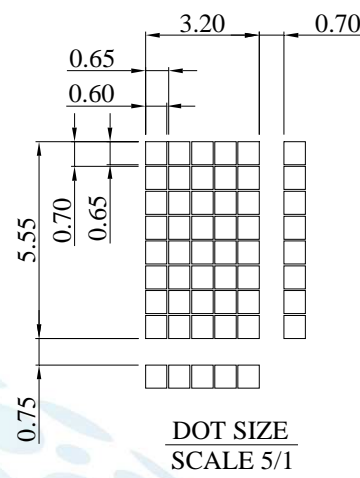
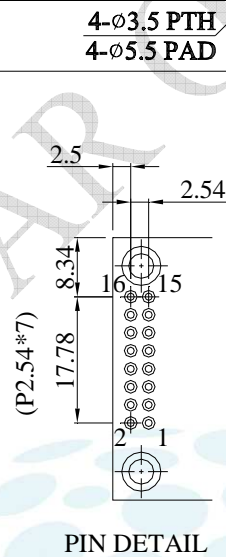
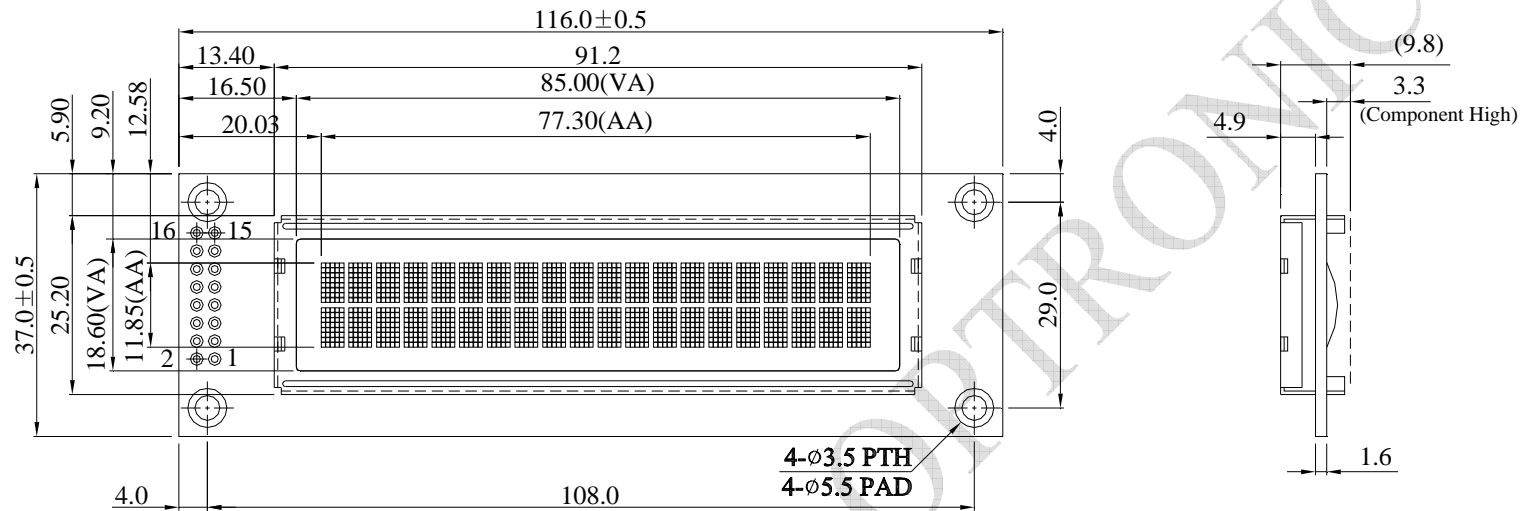
The Features is described as follow:

- Module dimension: 116.0 x 37.0 x 9.8 mm
- View area: 85.0 x 18.6 mm
- Active area: 77.3 x 11.85 mm
- Number of Characters :20 Characters x 2 Line
- Dot size: 0.6 x 0.65 mm
- Dot pitch: 0.65 x 0.70 mm
- Character size: 3.2 x 5.55 mm
- Character pitch: 3.9 x 6.3mm
- Duty: 1/16
- Emitting Color: OLED, White / Yellow / Green / Blue

Interface Pin Function

Pin No.	Symbol	Level	Description
1	VSS	0V	Ground
2	VDD	5.0V	Supply Voltage for logic
3	NC	—	No Connection
4	RS	H/L	H: DATA, L: Instruction code
5	R/W	H/L	H: Read(Module→MPU) L: Write(MPU→Module)
6	E	H,H→L	Chip enable signal
7	DB0	H/L	Data bit 0
8	DB1	H/L	Data bit 1
9	DB2	H/L	Data bit 2
10	DB3	H/L	Data bit 3
11	DB4	H/L	Data bit 4
12	DB5	H/L	Data bit 5
13	DB6	H/L	Data bit 6
14	DB7	H/L	Data bit 7
15	NC	—	No Connection
16	NC	—	No Connection

Counter Drawing & Block Diagram



PIN NO.	SYMBOL
1	Vss
2	Vdd
3	NC
4	RS
5	R/W
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	NC
16	NC

The non-specified tolerance of dimension is ± 0.3 mm .



Absolute Maximum Ratings

Item	Symbol	Min	Max	Unit
Operating Temperature	T _{OP}	-40	+80	°C
Storage Temperature	T _{ST}	-40	+85	°C
Supply Voltage For Logic	VDD-V _{SS}	-0.3	5.3	V

Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For Logic	VDD-V _{SS}	—	4.8	5.0	5.3	V
Input High Volt.	V _{IH}	—	0.8 VDD	—	VDD	V
Input Low Volt.	V _{IL}	—	GND	—	0.2 VDD	V
Output High Volt.	V _{OH}	I _{OH} =-0.5mA	0.8 VDD	—	VDD	V
Output Low Volt.	V _{OL}	I _{OL} =0.5mA	GND	—	0.2 VDD	V