COB1602-37

Character 16x2

Part number list

RC1602LR- □□□-□□-□

Feature

1.Bulit-in controller ST7066 or equivalent
2.+5V single power supply
3.UART,SPI,I2C interface selectable.
4.Contrast/Backlight adjustment by program

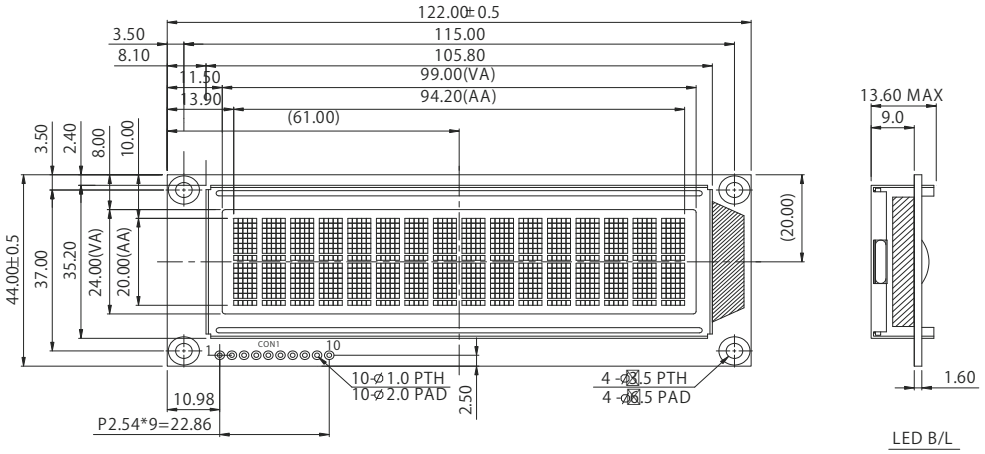
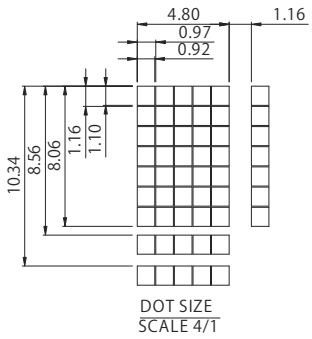
Pin Assignment

Pin No.	Symbol	Description
1	RS	UART: Serial date Input (full duplex communication)
2	VSS	Ground
3	VDD	Supply Voltage
4	TX	UART: Serial date Output
5	CS	SPI: Chip select
6	SDO	SPI: Serial date Output
7	SCK/SCL	SPI: Serial clock Input I2C: Serial clock Input
8	SDI/SDA	SPI: Serial date Input I2C: Serial date Input/output
9	VSS	Ground
10	VDD	Supply Voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	122.0 x 44.0	mm
Viewing Area	99.0 x 24.0	mm
Dot Size	0.92 x 1.1	mm
Character Size	4.8 x 8.06	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V

Mechanical Drawing