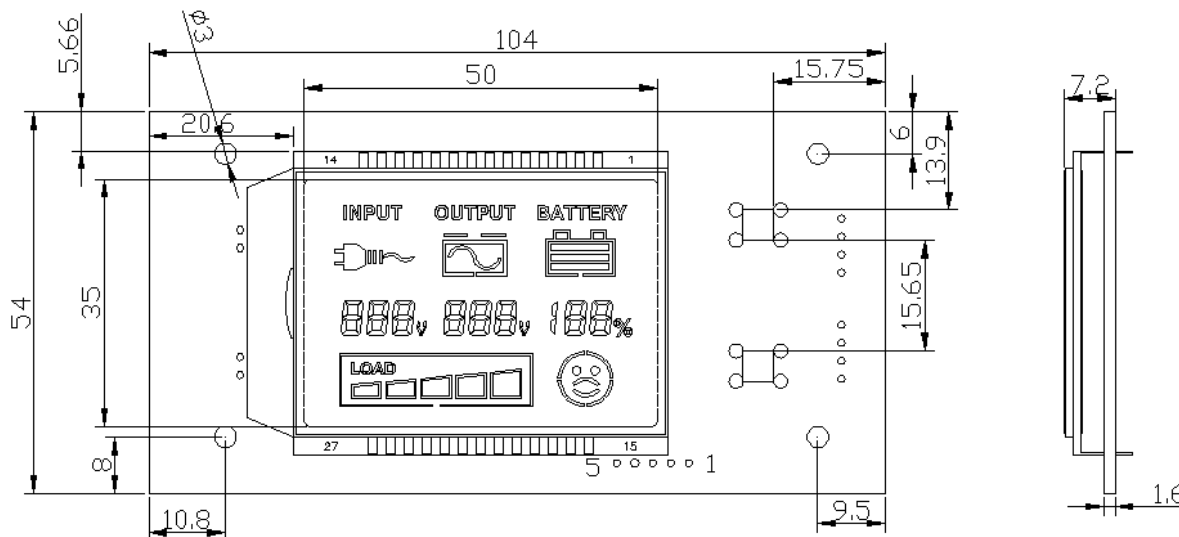


**ZCM---6192**

\* Controller LSI built-in \* +5V single power supply

## EXTERNAL DIMENSIONS AND DISPLAY PATTERN

Unit:mm



## MECHANICAL DATA

|                       |                            |                        |        |
|-----------------------|----------------------------|------------------------|--------|
| <b>Module Size</b>    | 104×54×7.2                 | <b>Display Area</b>    | 50 X35 |
| <b>LCD Type</b>       | TN, Transmissive/ Positive | <b>Display Angle</b>   | 12:00  |
| <b>Driving Method</b> | 1/4 Duty; 1/3 Bias         | <b>Backlight Color</b> | White  |

## ABSOLUTEMAXIMUMRATINGS

### ELECTRICAL CHARACTERISTICS (Ta=25°C, VDD=5V±0.25V)

|                                |                                   |
|--------------------------------|-----------------------------------|
| Power supply for logic:0-5V    | Input 'High' voltage:2.2~VDD      |
| Power supply for LCD Driver:5V | Input 'Low' voltage:-0.3~0.6      |
| Input voltage :VSS~VDD         | Output 'High' voltage:2.2(Min.)   |
| Operating Temperature:0~50℃    | Output 'Low' voltage: 38(Max.)    |
| Storage Temperature:-20~70℃    | Power supply current: 41mA (Max.) |

## PIN CONNECTION

| Pin | Symbol | Level | Function           |
|-----|--------|-------|--------------------|
| 1   | VDD    | +5V   | Power supply       |
| 2   | VSS    | 0V    | -                  |
| 3   | DATA   | H/L   | Data line          |
| 4   | WR     | H/L   | WR Signal          |
| 5   | CS     | H/L   | Chip select Signal |

### BLOCK DIAGRAM

