

### Part number list

SC0801B□□□-□□-□□-□

### Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. (Option) +3V power supply

### Pin Assignment

| Pin No. | Symbol          | Description         |
|---------|-----------------|---------------------|
| 1       | V <sub>SS</sub> | Supply Ground       |
| 2       | V <sub>DD</sub> | Supply Voltage      |
| 3       | V <sub>O</sub>  | Contrast Adjustment |
| 4       | RS              | Register Select     |
| 5       | R/W             | Read/Write          |
| 6       | E               | 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          |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 66.0 x 26.0    | mm   |
| Viewing Area     | 48.0 x 13.0    | mm   |
| Dot Size         | 0.85 x 1.0     | mm   |
| Character Size   | 4.45 x 8.35    | mm   |

### Electrical Characteristics

| Item   | Symbol                          | Standard Value | Unit |
|--|---------------------------------|----------------|------|
|  |                                 | typ.           |      |
| Input Voltage  | V <sub>DD</sub>                 | 5              | V    |
| Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C | V <sub>DD</sub> -V <sub>O</sub> | 4.5            | V    |

### Mechanical Drawing

