

Part number list

SC4004C □□□-□□-□□-□

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 _{SS} | Supply Ground |
| 2 | V _{DD} | Supply Voltage |
| 3 | V _O | Contrast Adjustment |
| 4 | RS | Register Select |
| 5 | R/W | Read/Write |
| 6 | E1 | Enable IC1 |
| 7 | E2 | Enable IC2 |
| 8 | DB0 | Data Bit 0 |
| 9 | DB1 | Data Bit 1 |
| 10 | DB2 | Data Bit 2 |
| 11 | DB3 | Data Bit 3 |
| 12 | DB4 | Data Bit 4 |
| 13 | DB5 | Data Bit 5 |
| 14 | DB6 | Data Bit 6 |
| 15 | DB7 | Data Bit 7 |
| 16 | A | LED Power |
| 17 | K | LED Power |
| 18 | NC | No Control |

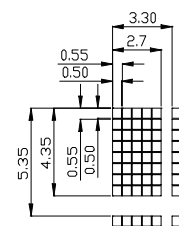
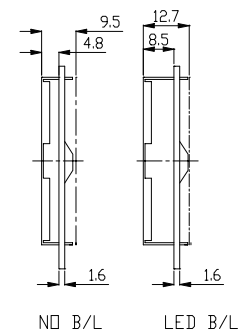
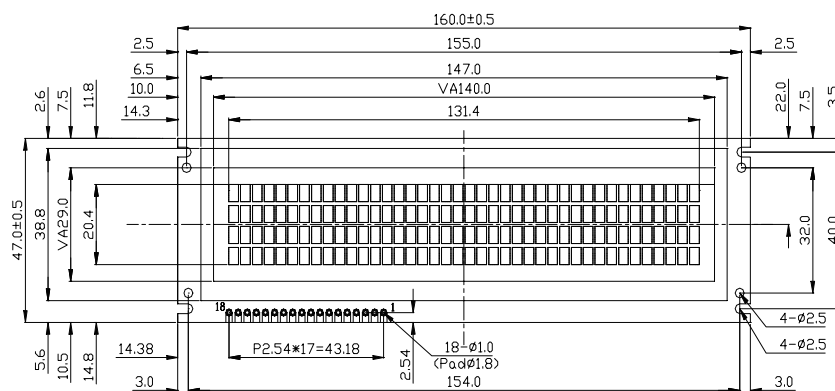
Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 160.0 x 47.0 | mm |
| Viewing Area | 140.0 x 29.0 | mm |
| Dot Size | 0.5 x 0.5 | mm |
| Character Size | 2.7 x 4.35 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|--|--------|----------------|------|
| | | typ. | |
| Input Voltage | VDD | 5 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C | VDD-VO | 4.5 | V |

Mechanical Drawing



SCALE 5:1