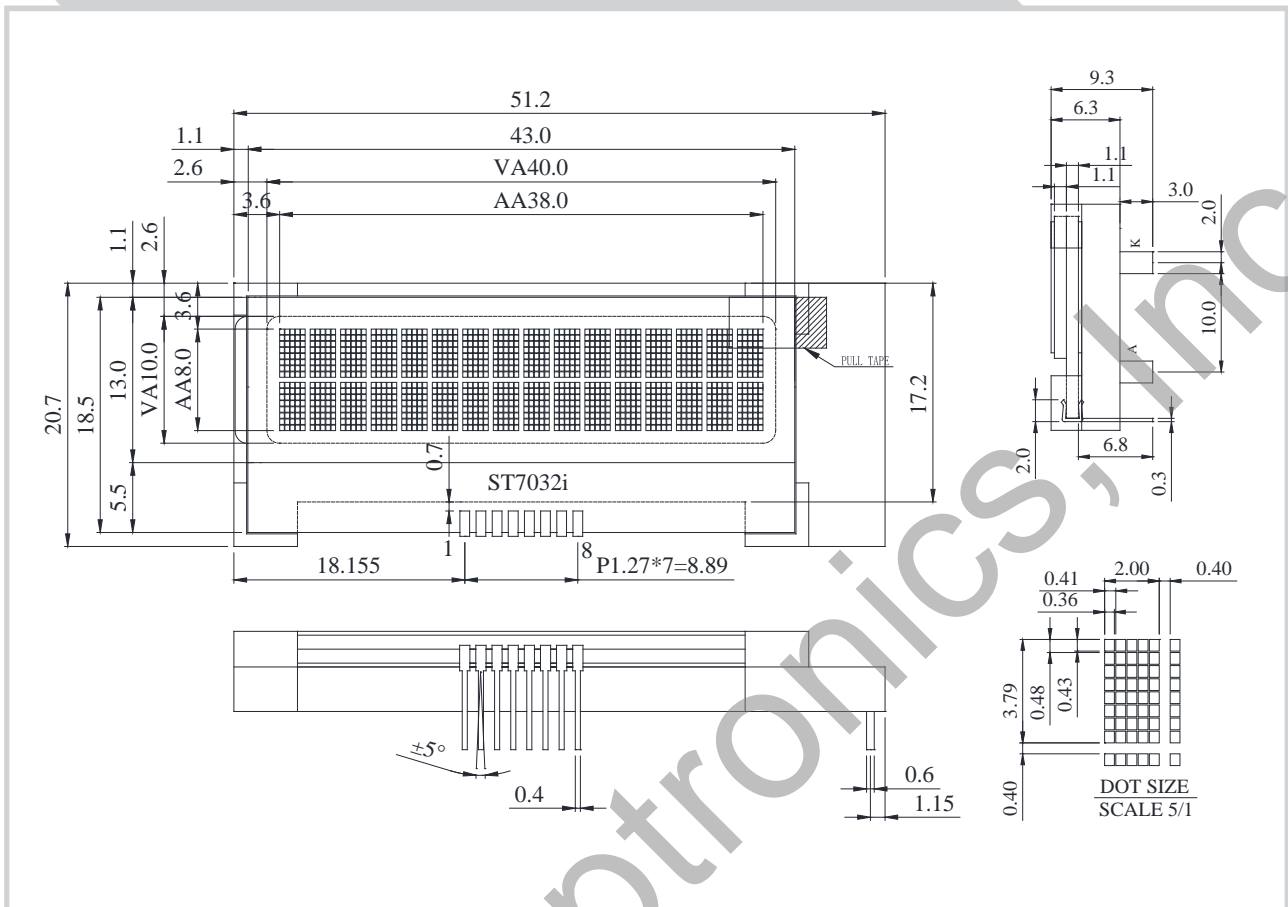


## RX1602A5 Character 16x2



### Feature

1. 5x8 dots includes cursor
2. Built-in controller ST7032 or Equivalent
3. 3V/5V power supply
4. 1/16 duty cycle
5. Interface: I2C

| Pin No. | Symbol           | Description                         |
|---------|------------------|-------------------------------------|
| 1       | V <sub>out</sub> | Positive Voltage output             |
| 2       | CAP1N            | DC/DC voltage converter.            |
| 3       | CAP1P            | DC/DC voltage converter.            |
| 4       | V <sub>DD</sub>  | Power supply for logic              |
| 5       | V <sub>SS</sub>  | Ground                              |
| 6       | SDA              | Serial input data                   |
| 7       | SCL              | Serial clock input                  |
| 8       | RST              | Controller reset signal, Active Low |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 51.2 x 20.7    | mm   |
| Viewing Area     | 40.0 x 10.0    | mm   |
| Dot Pitch        | 0.41 x 0.48    | mm   |
| Dot Size         | 0.36 x 0.43    | mm   |

### Electrical Characteristics

| Item  | Symbol             | Standard Value | Unit |
|---|--------------------|----------------|------|
|   |                    | typ.           |      |
| Input Voltage   | V <sub>DD</sub>    | 3/5            | V    |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | V <sub>o-Vss</sub> | 4.50           | V    |