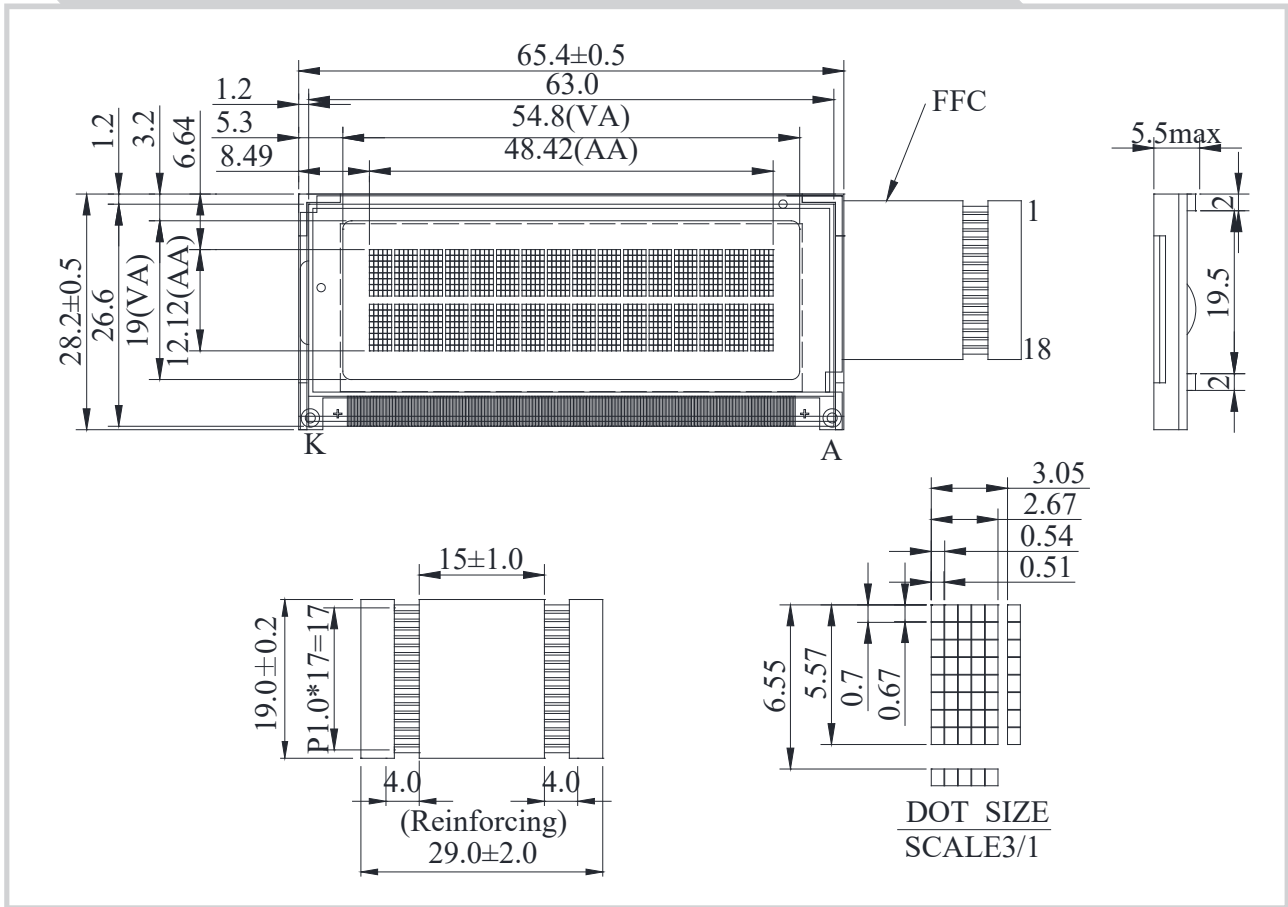


TH1602T Character 16x2



Feature

1. 1.5x8 dots includes cursor
2. Built-in controller (ST7066 or Equivalent)
3. 3.5V power supply only
4. N.V, optional for 3V power supply
5. 1/16 duty cycle
6. White LED B/L not available
7. Interface : 6800, option SPI/I2C (RW1063 IC)

| Pin No. | Symbol | Description |
|---------|-----------------|---------------------------------|
| 1 | V _{DD} | Power supply for logic |
| 2 | V _{SS} | Ground |
| 3 | V _O | Contrast Adjustment |
| 4 | NC | No connection |
| 5 | NC | No connection |
| 6 | RS | Data/ Instruction select signal |
| 7 | RW | Read/Write select signal |
| 8 | E | Enable signal |
| 9 | DB0 | Data bus line |
| 10 | DB1 | Data bus line |
| 11 | DB2 | Data bus line |
| 12 | DB3 | Data bus line |
| 13 | DB4 | Data bus line |
| 14 | DB5 | Data bus line |
| 15 | DB6 | Data bus line |
| 16 | DB7 | Data bus line |
| 17 | A | Power supply for B/L + |
| 18 | K | Power supply for B/L - |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 65.4 x 28.2 | mm |
| Viewing Area | 54.8 x 19.0 | mm |
| Character Size | 2.67 x 5.57 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|--------------------|----------------|------|
| | | typ. | |
| Input Voltage | V _{DD} | 5.0 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | V _{DD-VO} | 4.20 | V |

Display Character Address Code

| Display position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|------------------|----|----|----|---|---|---|---|---|---|----|----|----|----|----|----|-------|
| DD RAM Address | 00 | 01 | 02 | | | | | | | | | | | | | 0E 0F |
| DD RAM Address | 40 | 41 | 42 | | | | | | | | | | | | | 4E 4F |

大成通商株式会社

〒105-0004
東京都港区新橋2-19-2 リプロ新橋6階
info@taiseitsusho.co.jp