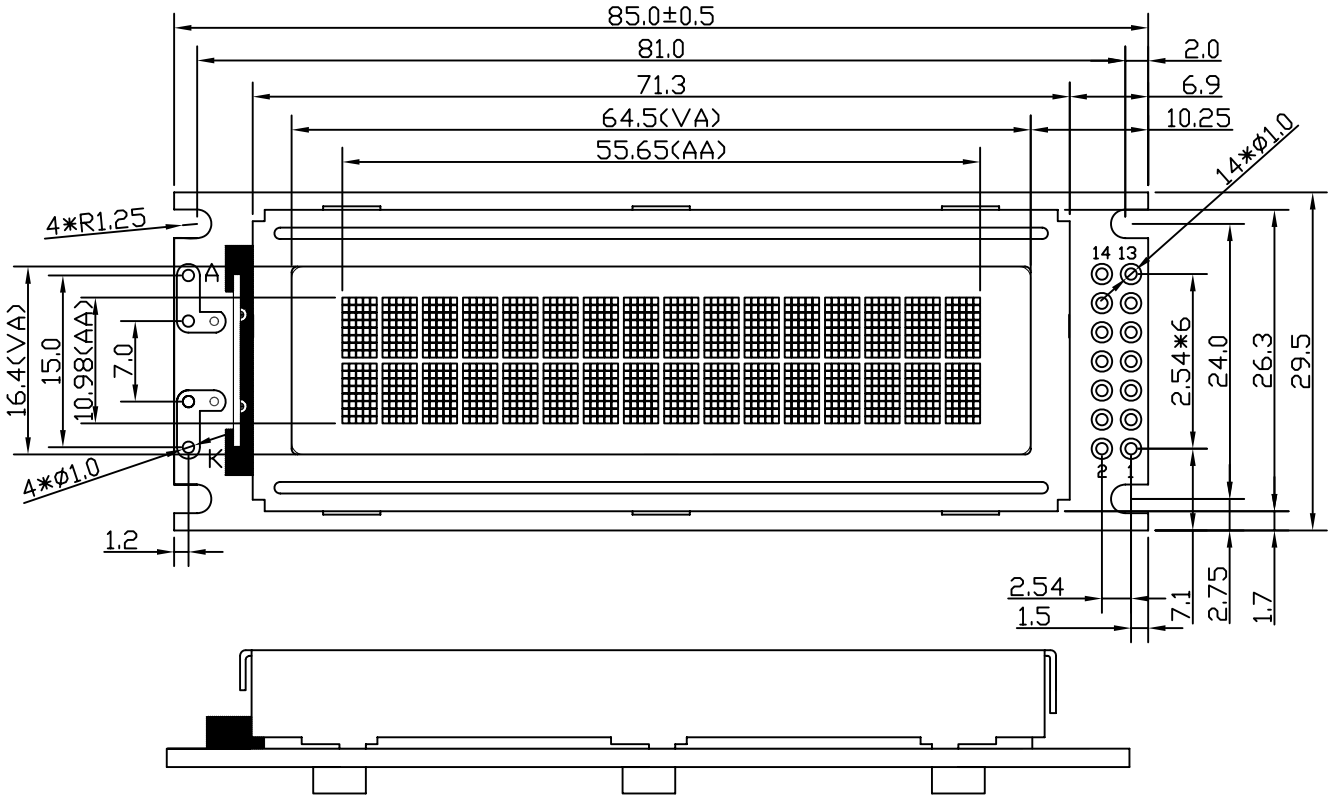
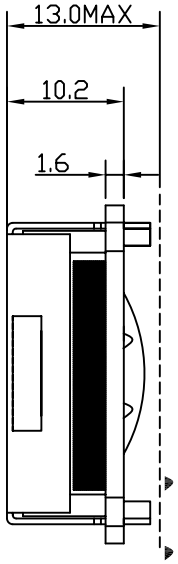
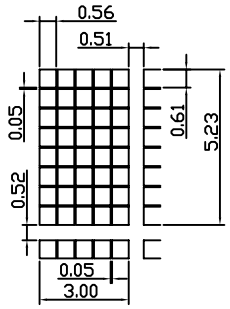
| REV | ECN NO. | NATURE OF MODIFICATION | CN/DATE |
|---|---|---|---|
| 1 | -- | First issued | 2010-07-29 |
| 2 | | | |
| 2 | | | |



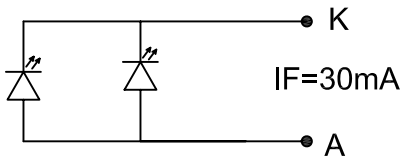




Display Pattern

| PIN | SYMBOL |
|---|---|
| K | BL- |
| A | BL+ |
| 14 | DB7 |
| 13 | DB6 |
| 12 | DB5 |
| 11 | DB4 |
| 10 | DB3 |
| 9 | DB2 |
| 8 | DB1 |
| 7 | DB0 |
| 6 | E |
| 5 | R/$\overline{W}$ |
| 4 | RS |
| 3 | V0 |
| 2 | VDD |
| 1 | VSS |

## BACKLIGHT CIRCUIT

BACKLIGHT




LED: 2*1=2 pcs

| ITEM | PARAMETERS | ITEM | PARAMETERS |
|---|---|---|---|
| OPERATING VOLTAGE | 5.0V | OPERATING TEMP | -20℃ TO 70℃ |
| OPERATING CURRENT | -- | STORAGE TEMP | -30℃ TO 80℃ |
| LCD DRIVING VOLTAGE | 4.5V | POLARIZER TYPE | FRONT: TRANSMISSIVE |
| DISPLAY MODE | STN(Blue)/Negative/Transmissive | | BACK: TRANSMISSIVE |
| LCD DRIVE METHOD | 1/16 DUTY 1/5 BIAS | BACKLIGHT | LED-Side(White) |
| LCD DRIVE IC | ST7066U-0A OR EQUIV | ROHS STANDARD | YES ■ |
| VIEW DIRECTION | 6:00 O'CLOCK | OTHER | -- |

| | |
|---|---|
| UNIT | MM |
| 3RD ANGLE | |
| TOLERANCE | X.X = ±0.2<br>X.XX = ±0.10<br>ANG = – |
| SCALE: | 1:1 |
| DRAWN: | JFM |
| CHECKED: | |
| APPROVED: | |

**DISPLAYTRONIC**

*XIAMEN ZETTLER ELECTRONICS CO., LTD.*

| | | | |
|---|---|---|---|
| TITLE: | LCM | | |
| MODEL NO: | ACM1602JB-NLW-BBW (Displaytronic) | REV | A |
| PART NO: | -- | SH NO | 1/1 |