

ITM-1602ASTL

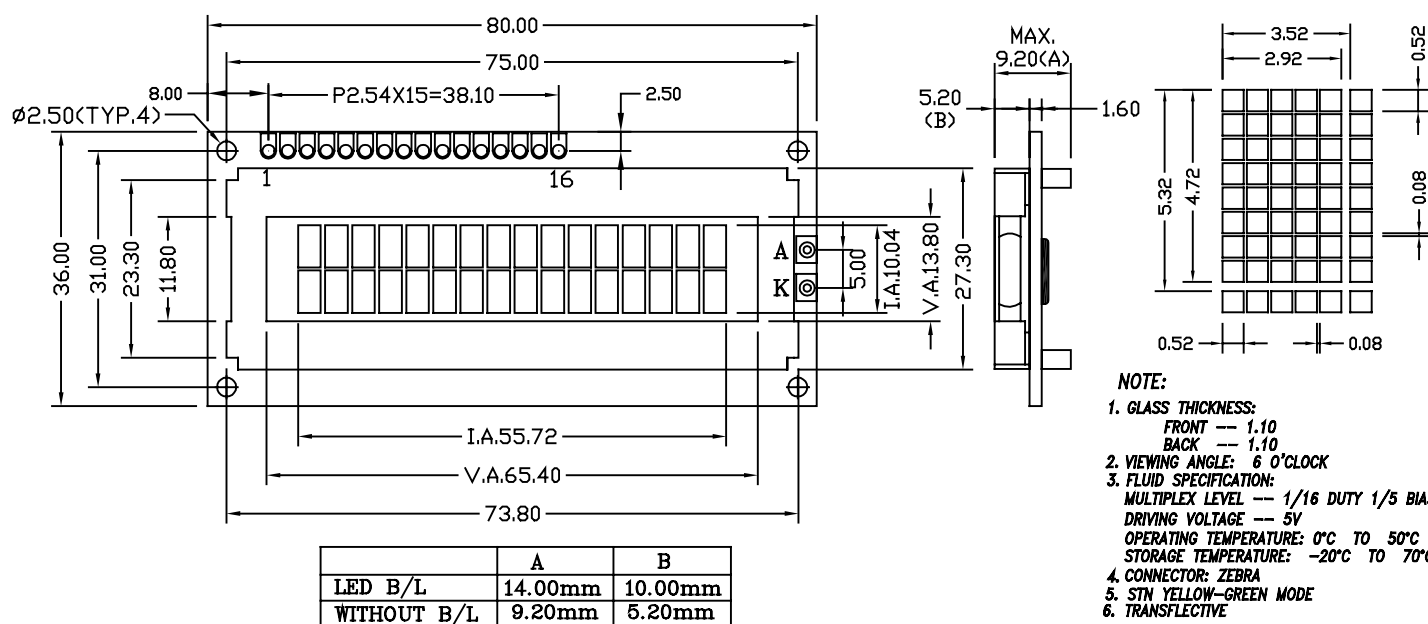
LCD (SHEN ZHEN) CO.,LTD

VER A0 FILE NO IT-III-ED-004

REV.NO 01 SHEET OF

DATE 24.FEB.2000

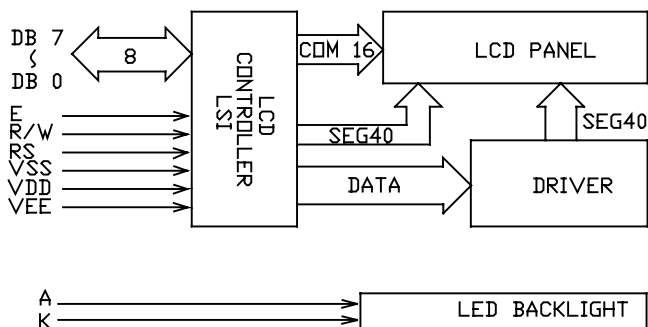
① EXTERNAL DIMENSION



② MECHANICAL DATA

| ITEM | SPECIFICATION | UNIT |
|---------------------------|-----------------------|------|
| Module Size (W X H X T) | 80.0 x 36.0 x 9.2 | mm |
| Viewing Area (W X H) | 65.4 x 13.8 | mm |
| Number of Character | 16 Character x 2 Line | Char |
| Dot Pitch (W X H) | 0.6 x 0.6 | mm |
| Dot Size (W X H) | 0.52 x 0.52 | mm |
| Character Pith (WXH) | 3.52 x 5.32 | mm |
| Character Size (W X H) | 2.92 x 4.72 | mm |

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

| ITEM | SYMBOL | LEVEL | DESCRIPTION |
|------|--------|-------|-----------------------------|
| 1 | VSS | L | Power GND |
| 2 | VDD | H | Power Positive |
| 3 | VEE | L | Voltage For LCD Panel Drive |
| 4 | RS | H/L | Register Select |
| 5 | R/W | H/L | Read/Write Select |
| 6 | E | H/L | Read/Write Enable |
| 7 | DB0 | H/L | Data Bus |
| 8 | DB1 | H/L | |
| 9 | DB2 | H/L | |
| 10 | DB3 | H/L | |
| 11 | DB4 | H/L | |
| 12 | DB5 | H/L | |
| 13 | DB6 | H/L | |
| 14 | DB7 | H/L | |
| 15 | A | H | LED BACKLIGHT + |
| 16 | K | L | LED BACKLIGHT - |

⑤ ELECTRICAL CHARACTERISTICS(25°C)

| PARAMETER | SYMBOL | MIN. | MAX. | UNIT |
|-----------------------|------------------|-----------------------|----------------------|------|
| Supply Voltage Logic | V _{DD} | -0.3 | +7.0 | V |
| Supply Voltage Driver | V _{LCD} | V _{DD} -15.0 | V _{DD} +0.3 | V |
| Input Voltage | V _{IN} | -0.3 | V _{DD} +0.3 | V |

This datasheet has been downloaded from:

www.DatasheetCatalog.com

Datasheets for electronic components.