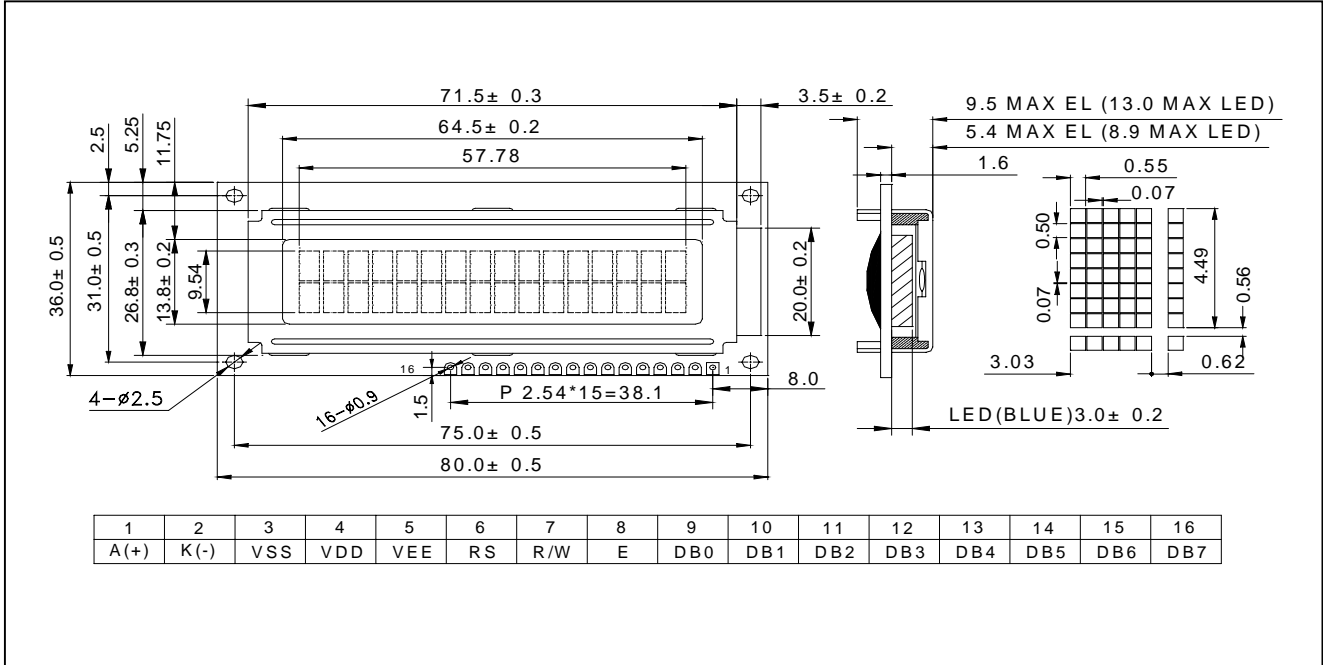
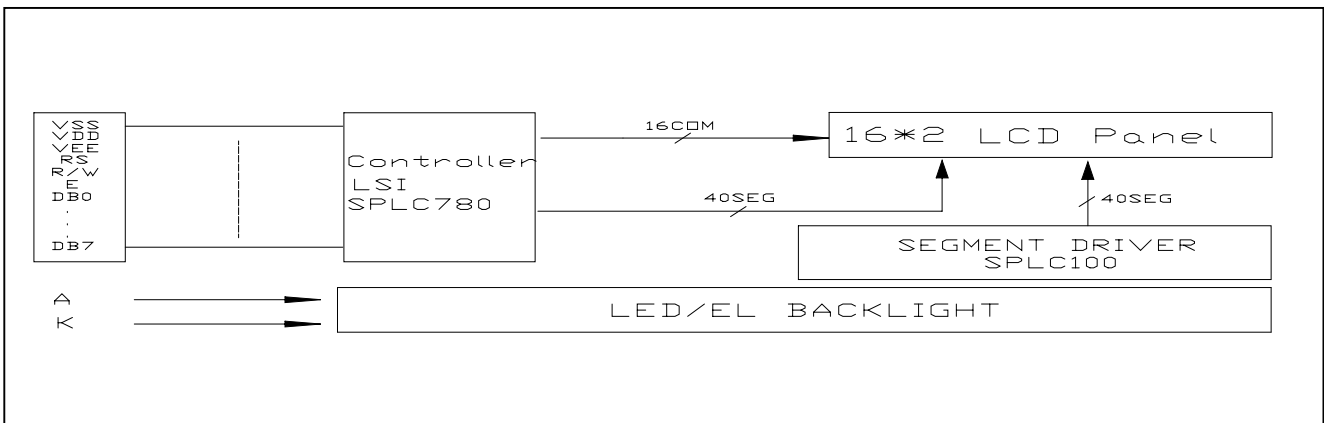


C1602-7
16 × 2CHARACTERS
DIMENSION:

FEATURE:

1. Display mode : STN, Positive
2. Dot/Background Color : Blue/Yellow-green
3. Display format : 16Char×2Line
4. Input data : 4/8 bit I/O
5. Driving method : 1/16Duty 1/5 Bias
6. Viewing direction : 6 O'clock
7. Back light : LED / EL Backlight

ELECTRICAL CHARACTERISTIC:

| Item | Symbol | Standard value | | | Unit |
|------------------------|--------|----------------|-----|---------|------|
| | | Min | Typ | Max | |
| Power supply for logic | VDD | -0.3 | - | 7 | V |
| Power supply for LCD | VLCD | VDD-12 | - | VDD+0.3 | V |
| Input voltage | Vin | -0.3 | - | VDD+0.3 | V |
| Operating temperature | Top | 0 | - | 50 | |
| Storage temperature | Tstg | -20 | - | 70 | |

BLOCK DIAGRAM:

DISPLAY CHARACTER ADDRESS CODE:

| | | | | | | | |
|------------------|----|----|----|----|-------|----|----|
| Display position | 1 | 2 | 3 | 4 | | 15 | 16 |
| DD RAM address | 00 | 01 | 02 | 03 | | 0E | 0F |
| | 40 | 41 | 42 | 43 | | 4E | 4F |