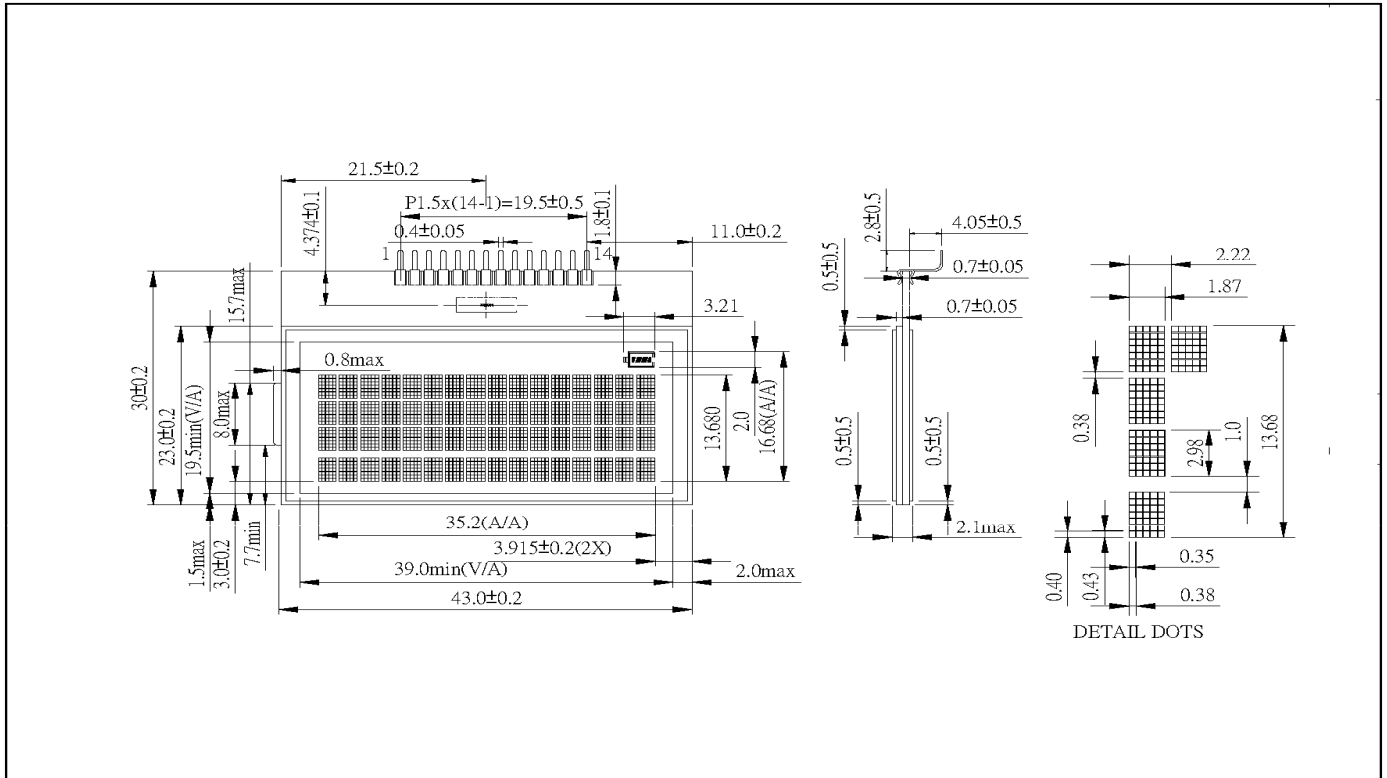


Dimension



FEATURE

1. FSTN, Positive, Transflective, Backlight: Light Guide
2. IC: Samsung S6A0094X01-BOCY
3. 1/34 Duty, 1/5 Bias, 6 O'clock
4. Display dot: Black, Background: Light Gray

| MECHANICAL DATA | | |
|------------------|-------------------------------|------|
| Item | Standard Value | Unit |
| Module Dimension | 43.0(W) × 32.8(H) × 2.1MAX(T) | mm |
| Viewing Area | 39.0(W) × 19.5(H) | mm |
| Dot Size | 0.35(W) × 0.40(H) | mm |
| Dot Pitch | 0.38(W) × 0.43(H) | mm |

INTERFACE FUNCTIONS

| Pin NO | Symbol | Function |
|--------|--------|--|
| 1 | RS | H: Data input; L: Instruction code input |
| 2 | CSB | Chip selection pin. |
| 3 | SI | Serial data input |
| 4 | SCL | Serial clock input |
| 5 | VDD | Power supply for Logic(3V) |
| 6 | VSS | Ground(0V) |
| 7 | V0 | Power supply for LCD |
| 8 | VR | Voltage adjusting pin. |
| 9 | VOUT | Output pin for boosting. |
| 10 | CAP2- | Boosting condenser negative side connecting pin |
| 11 | CAP2+ | Boosting condenser positive side connecting pin. |
| 12 | CAP1- | Boosting condenser negative side connecting pin. |
| 13 | CAP1+ | Boosting condenser positive side connecting pin. |
| 14 | RESET | RESET PIN |

| ABSOLUTE MAXIMUM RATING | | | | | |
|--------------------------|---------|----------------|-----|---------|------|
| Item | Symbol | Standard Value | | | Unit |
| | | min | typ | max | |
| Supply Voltage For Logic | VDD-VSS | -0.3 | — | +7.0 | V |
| Input Voltage | VI | -0.3 | — | VDD+0.3 | V |

| ELECTRONICAL CHARACTERISTICS | | | | | | |
|------------------------------|---------|-----------|----------------|-----|--------|------|
| Item | Symbol | Condition | Standard Value | | | Unit |
| | | | min | typ | max | |
| Input Voltage | VI | H Level | 0.8VDD | — | VDD | V |
| | | L Level | VSS | — | 0.2VDD | |
| Supply Current | IDD | VDD=3V | — | 0.4 | 1.5 | mA |
| Supply Voltage For Logic | VDD-VSS | — | 2.2 | 3 | 3.6 | V |
| Supply Voltage For LCD | V0-VSS | — | — | 6 | — | V |