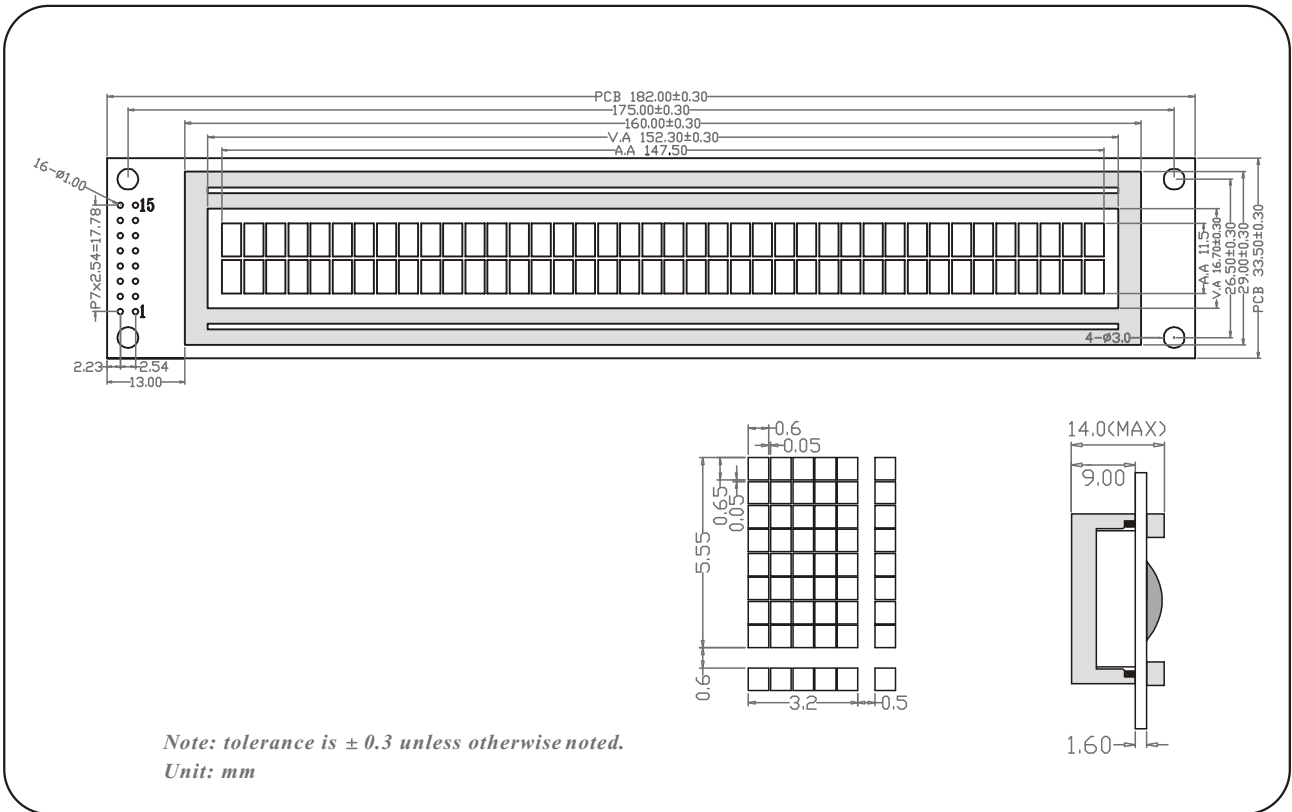


CHARACTERISTICS:

DISPLAY CONTENT: 40 × 2 CHARACTERS
 LCD TYPE: STN Y/G、STN BLUE
 LED BACKLIGHT: Y/G、WHITE
 CONTROLLER: KS0066 OR EQUAL
 OPERATING TEMPERATURE: NORMAL(0–50°C); WIDE(–20–70°C)
 POWER SUPPLY: 5.0V
 VIEWING ANGLE: 6H; 12H

DIMENSIONS/DISPLAY CONTENT



PIN CONFIGURATION

| | | | | | | | | | | | | | | | |
|-----|-----|----------------|----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Vss | VDD | V ₀ | RS | R/W | E | DB0 | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 | DB7 | LEDA | LEDK |

PARAMETER (VDD=5.0 ± 10%, Vss=0V, Ta=25°C)

| Parameter | Symbol | Standard Values | | | Unit | |
|-------------------|-----------------|-----------------|------|-----|------|-----------------|
| | | Min. | Typ. | Max | | |
| Supply voltage | VDD-VSS | 4.5 | 5.0 | 5.5 | V | |
| Input voltage | H | V _{IH} | 2.2 | - | | V _{DD} |
| | L | V _{IL} | -0.3 | - | | 0.6 |
| LCD Drive Voltage | - | - | 4.7 | - | | |
| Operating current | I _{DD} | - | 1.2 | 3.0 | mA | |

APPLICATION CIRCUIT

