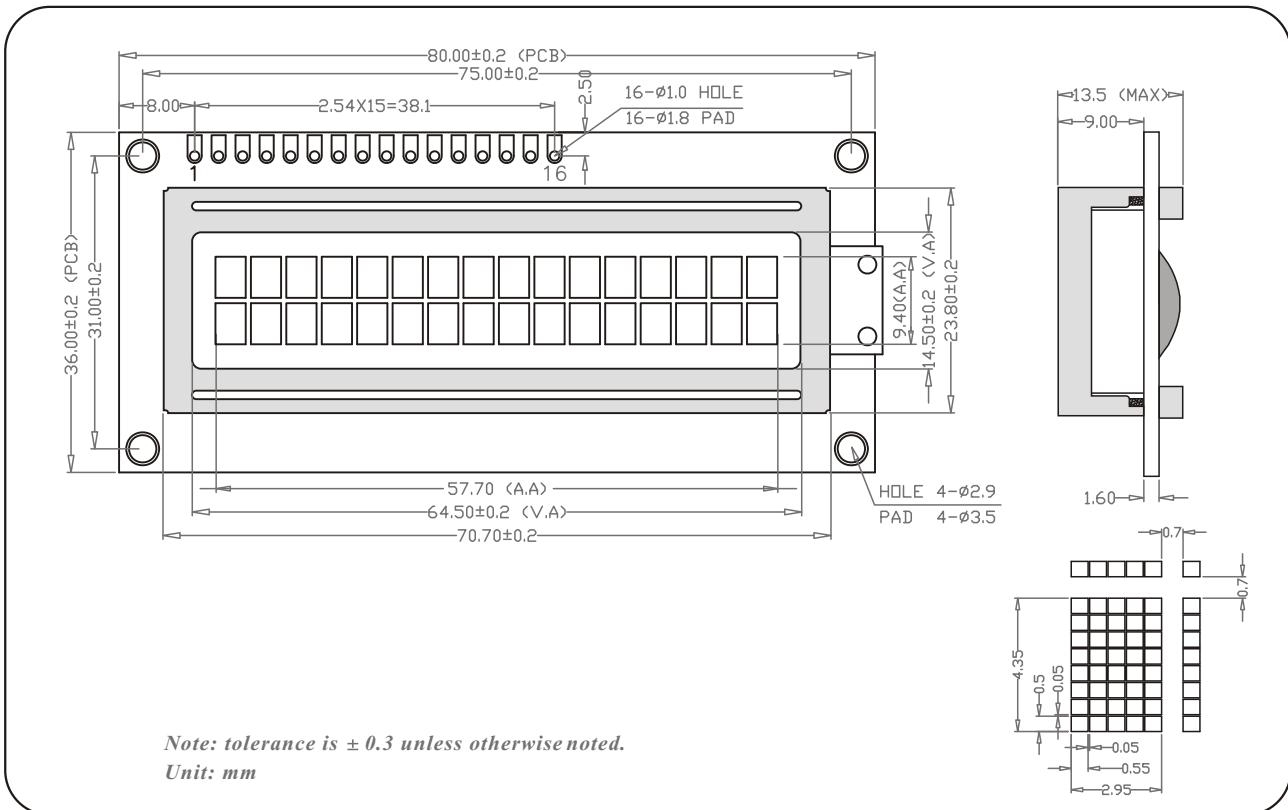


**■ CHARACTERISTICS:**

DISPLAY CONTENT: 16 × 2 CHARACTERS  
 LCD TYPE: STN Y/G、STN BLUE、STN GREY、FSTN  
 LED BACKLIGHT: Y/G、WHITE、BLUE、GREEN  
 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 <sub>0</sub>	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	LEDA	LEDK

**■ PARAMETER (V<sub>DD</sub>=5.0 ± 10%, V<sub>SS</sub>=0V, Ta=25°C)**

Parameter		Symbol	Standard Values			Unit
			Min.	Typ.	Max	
Supply voltage		V <sub>DD</sub> -V <sub>SS</sub>	4.5	5.0	5.5	
Input voltage	H	V <sub>IH</sub>	2.2	-	V <sub>DD</sub>	V
	L	V <sub>IL</sub>	-0.3	-	0.6	
LCD Drive Voltage		-	-	4.7	-	
Operating current		I <sub>DD</sub>	-	1.2	3.0	mA

**■ APPLICATION CIRCUIT**