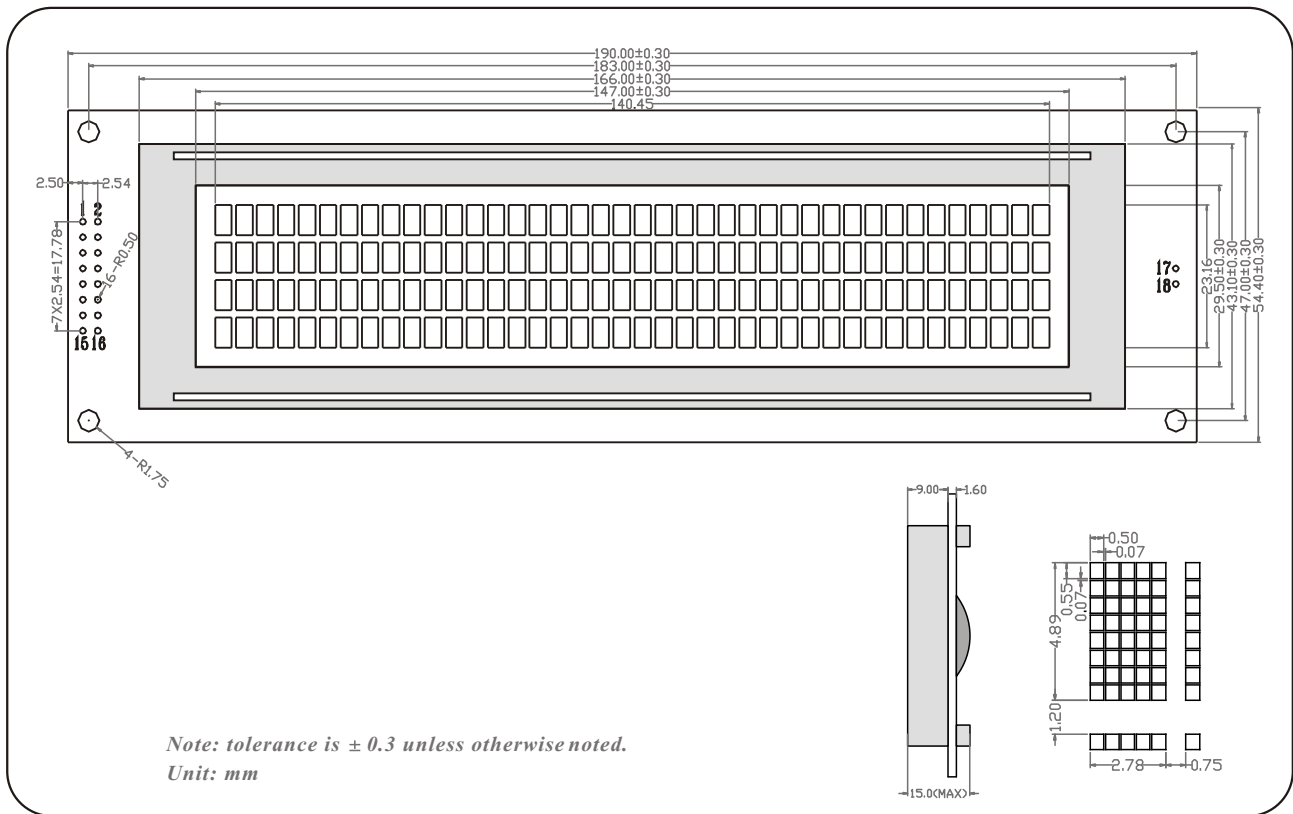


## CHARACTERISTICS:

DISPLAY CONTENT: 40 × 4 CHARACTERS  
 LCD TYPE: STN Y/G  
 LED BACKLIGHT: Y/G  
 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	17	18
DB7	DB6	DB5	DB4	DB3	DB2	DB1	DB0	E1	R/W	RS	V <sub>0</sub>	V <sub>SS</sub>	V <sub>DD</sub>	E2	NC	LEDA	LEDK

## PARAMETER (V<sub>DD</sub>=5.0 ± 10%, V<sub>SS</sub>=0V, T<sub>a</sub>=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	V	
Input voltage	H	V <sub>IH</sub>	2.2	-		V <sub>DD</sub>
	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

