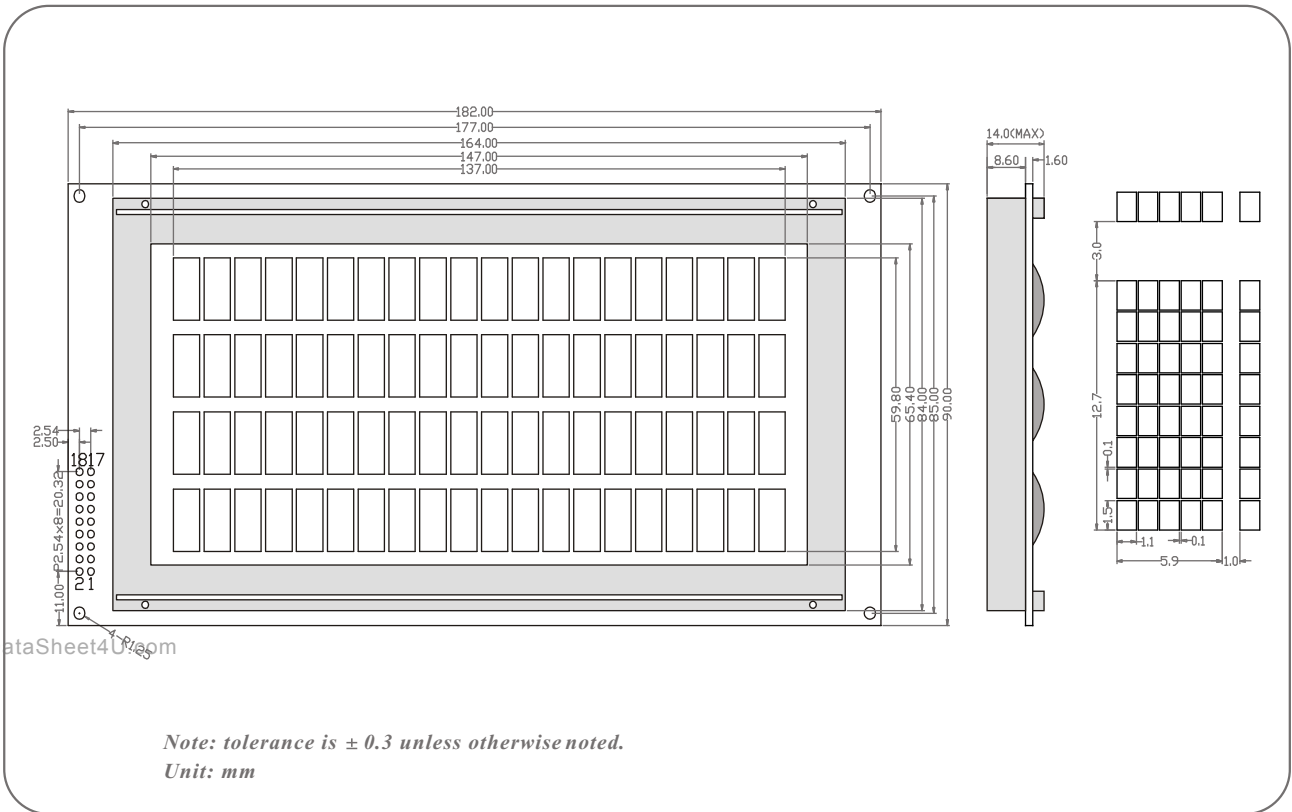


**CHARACTERISTICS:**

- DISPLAY CONTENT: 20 × 4 CHARACTERS
- LCD TYPE: STN Y/G
- LED BACKLIGHT: Y/G
- CONTROLLER IC: 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
VSS	VDD	V0	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	LEDA	LEDK	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 <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**

