

## CHARACTERISTICS:

DISPLAY CONTENT: 20 × 4 CHARACTERS

LCD TYPE: STN Y/G、STN BLUE、STN GREY

LED BACKLIGHT: Y/G、WHITE、BLUE、GREEN

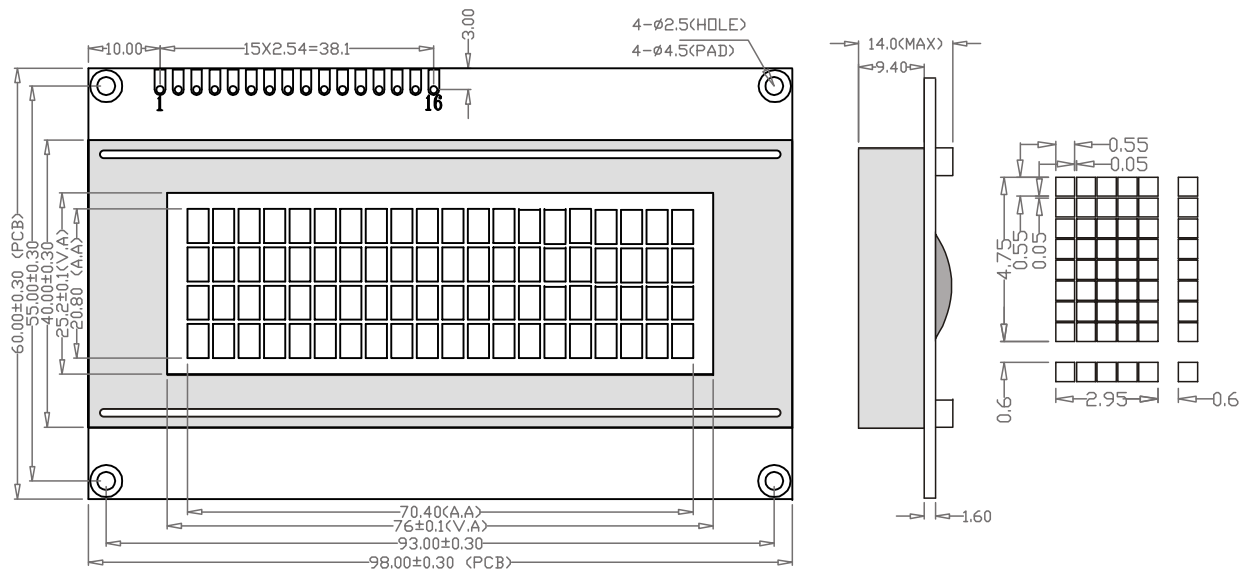
CONTROLLER: KS0066 OR EQUAL

OPERATING TEMPERATURE: NORMAL(0–50°C); WIDE(–20–70°C)

POWER SUPPLY: 5.0V

VIEWING ANGLE: 6H; 12H

## DIMENSIONS/DISPLAY CONTENT



Note: tolerance is  $\pm 0.3$  unless otherwise noted.  
Unit: mm

## 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	LEDK	LEDA

## 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	-	
	L	V <sub>IL</sub>	-0.3	-	
LCD Drive Voltage	-	-	4.7	-	
Operating current	I <sub>DD</sub>	-	1.2	3.0	mA

## APPLICATION CIRCUIT

