

### ■ CHARACTERISTICS:

DISPLAY CONTENT: 320 x 64 DOTS

LCD TYPE: STN Y/G、STN BLUE

LED BACKLIGHT: GREEN、WHITE

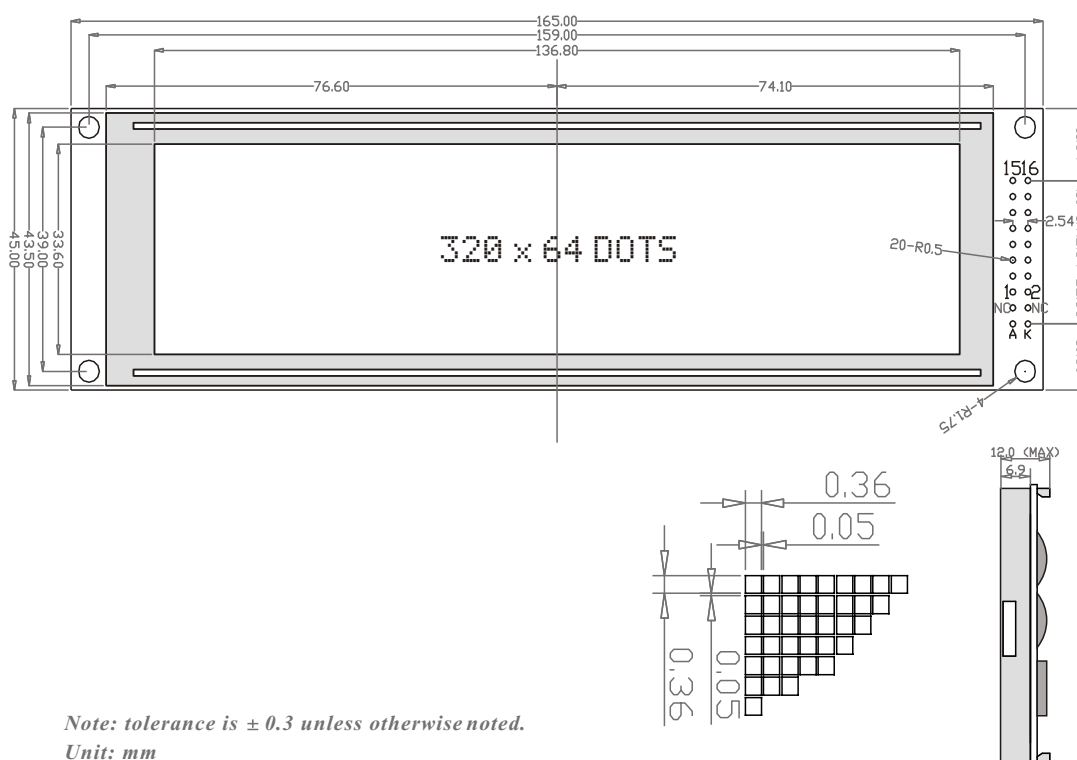
CONTROLLER: T6963C OR EQUAL

OPERATING TEMPERATURE: NORMAL(0-50℃); WIDE(-20-70℃)

POWER SUPPLY: 5.0V

VIEWING ANGLE: 6H; 12H

## ■ DIMENSIONS/DISPLAY CONTENT



## ■ PIN CONFIGURATION

1	2	3	4	5	6	7	8	9	10
Vss	VDD	V <sub>0</sub>	C/D	WR	RD	DB0	DB1	DB2	DB3
11	12	13	14	15	16	17	18	19	20
DB4	DB5	DB6	DB7	CE	RST	NC	NC	LEDA	LEDK

■ **LIMIT PARAMETER (Ta=25℃)**

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	VDD-VSS	0	7.0	V
LCD Voltage	VDD-V0	0	30	
Input Voltage	V1	0	VDD	

## ■ ELECTRONIC PARAMETER

Parameter		Symbol	Standard Values			Unit
			Min.	Typ.	Max	
Voltage	Logic	VDD-VSS	4.75	5.0	5.25	V
	LCD	VDD-V0	4.5	12	30	V
Current	Logic	IDD	-	2.5	-	mA
	LCD	IEE	-	2.0	-	mA
LCD Drive Voltage(25°C)			-	12	-	V
Input Voltage	H	VIH	0.7VDD	-	VDD	V
	L	UIL	0	-	0.3VDD	V

