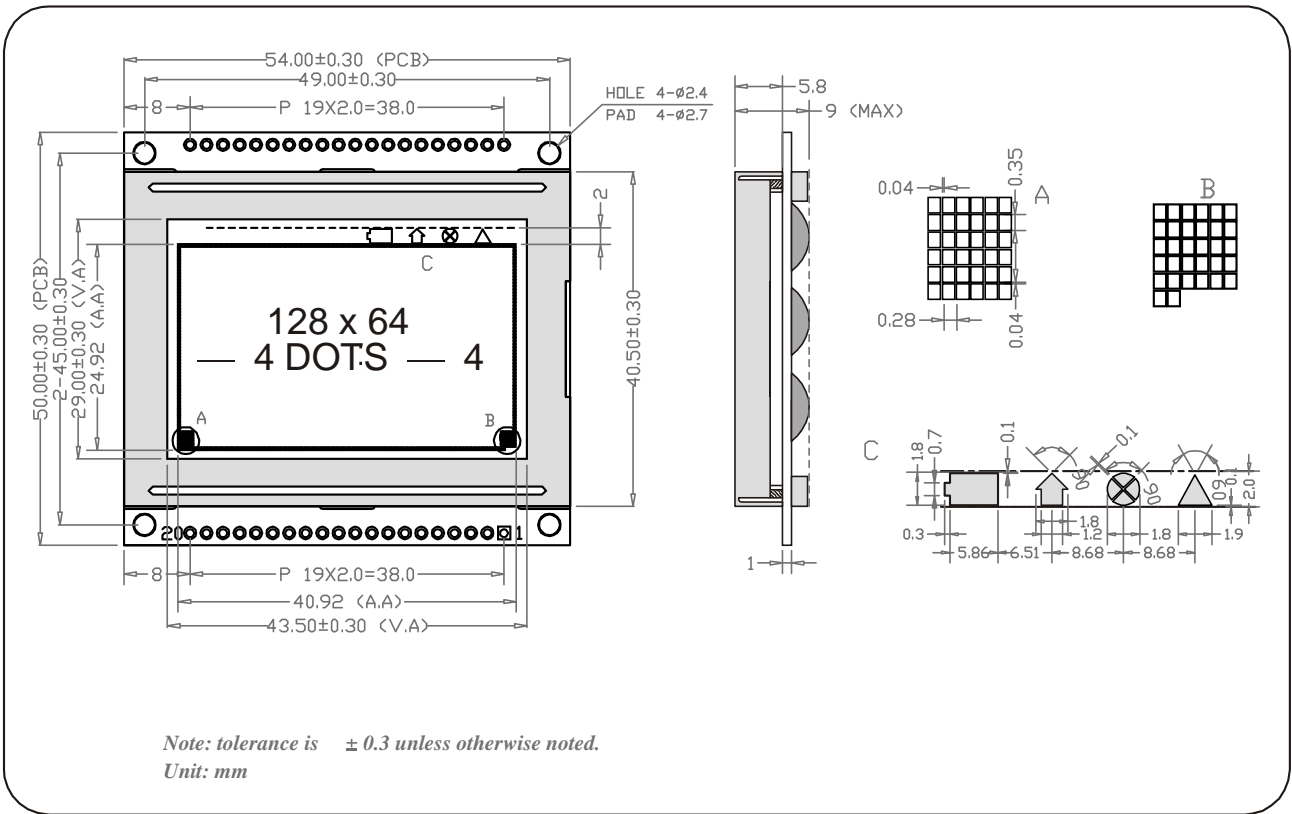


# iLM554-128 SERIES

## CHARACTERISTICS:

DISPLAY CONTENT: 128 x 64 DOTS  
 LCD TYPE: STN Y/G、STN BLUE、STN GREY  
 LED BACKLIGHT: Y/G、WHITE  
 CONTROLLER: KS0108 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
V <sub>SS</sub>	V <sub>DD</sub>	V <sub>0</sub>	A <sub>0</sub>	R/W	E	DB0	DB1	DB2	DB3
11	12	13	14	15	16	17	18	19	20
DB4	DB5	DB6	DB7	CS1	CS2	RST	VEE	LEDA	LEDK

## LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	V <sub>DD</sub> -V <sub>SS</sub>	0	7.0	V
LCD Voltage	V <sub>DD</sub> -V <sub>0</sub>	0	17	
Input Voltage	V <sub>I</sub>	0	V <sub>DD</sub>	

## ELECTRONIC PARAMETER

Parameter	Symbol		Standard Values			Unit
			Typ.	Max		
Voltage	Logic	V <sub>DD</sub> -V <sub>SS</sub>	4.75	5.0	5.25	V
	LCD	V <sub>DD</sub> -V <sub>0</sub>	7.0	8.5	17	V
Current	Logic	I <sub>DD</sub>	-	2.5	-	mA
	LCD	I <sub>EE</sub>	-	2.0	-	mA
LCD Drive Voltage(25°C)				8.5		V
Voltage(25°C)		V <sub>IH</sub>	0.7V <sub>DD</sub>	-	V <sub>DD</sub>	V
		V <sub>IL</sub>	0	-	0.3V <sub>DD</sub>	V

## APPLICATION CIRCUIT

