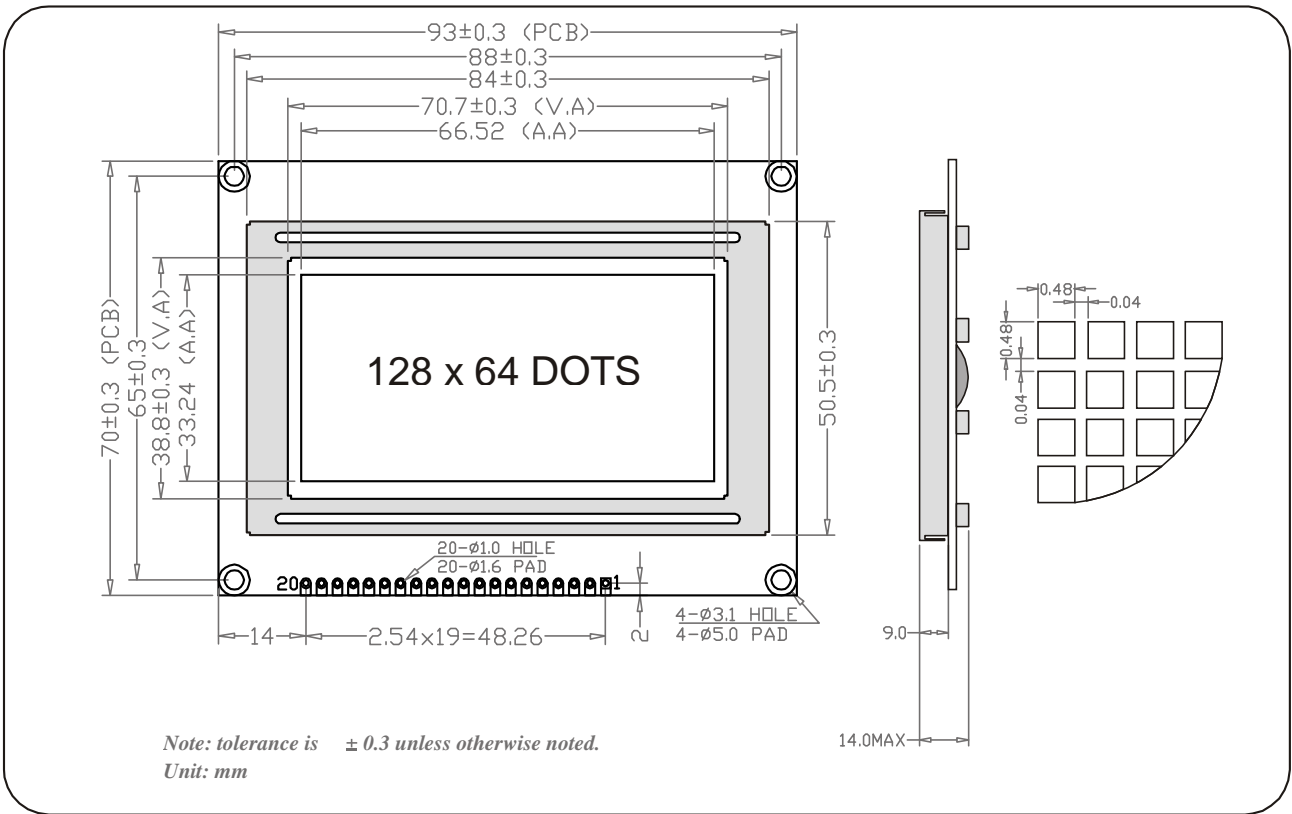


iLM529-128 SERIES

CHARACTERISTICS:

- DISPLAY CONTENT: 128 x 64 DOTS
- LCD TYPE: STN Y/G、STN BLUE、STN GREY
- LED BACKLIGHT: Y/G、WHITE
- CONTROLLER: ST7921 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 _{SS}	V _{DD}	V ₀ /V _{DD} /NC	D/I(CS)	R/W(\$DI)	E(\$CLK)	DB0	DB1	DB2	DB3
11	12	13	14	15	16	17	18	19	20
DB4	DB5	DB6	DB7	PSB	NC	RST	V _{EE} /NC	LEDA	LEDK

LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	V _{DD} -V _{SS}	0	5.5	V
LCD Voltage	V _{DD} -V ₀	0	7.0	
Input Voltage	V _I	0	V _{DD}	

ELECTRONIC PARAMETER

Parameter	Symbol		Standard Values			Unit
			Typ.	Max		
Voltage	Logic	V _{DD} -V _{SS}	4.75	5.0	5.25	V
	LCD	V _{DD} -V ₀	4.5	5.0	7.0	V
Current	Logic	I _{DD}	-	2.5	-	mA
	LCD	I _{EE}	-	2.0	-	mA
LCD Drive Voltage(25°C)						
	V _{IH}	0.7V _{DD}		V _{DD}	V	
	V _{IL}	0		0.3V _{DD}	V	

APPLICATION CIRCUIT

