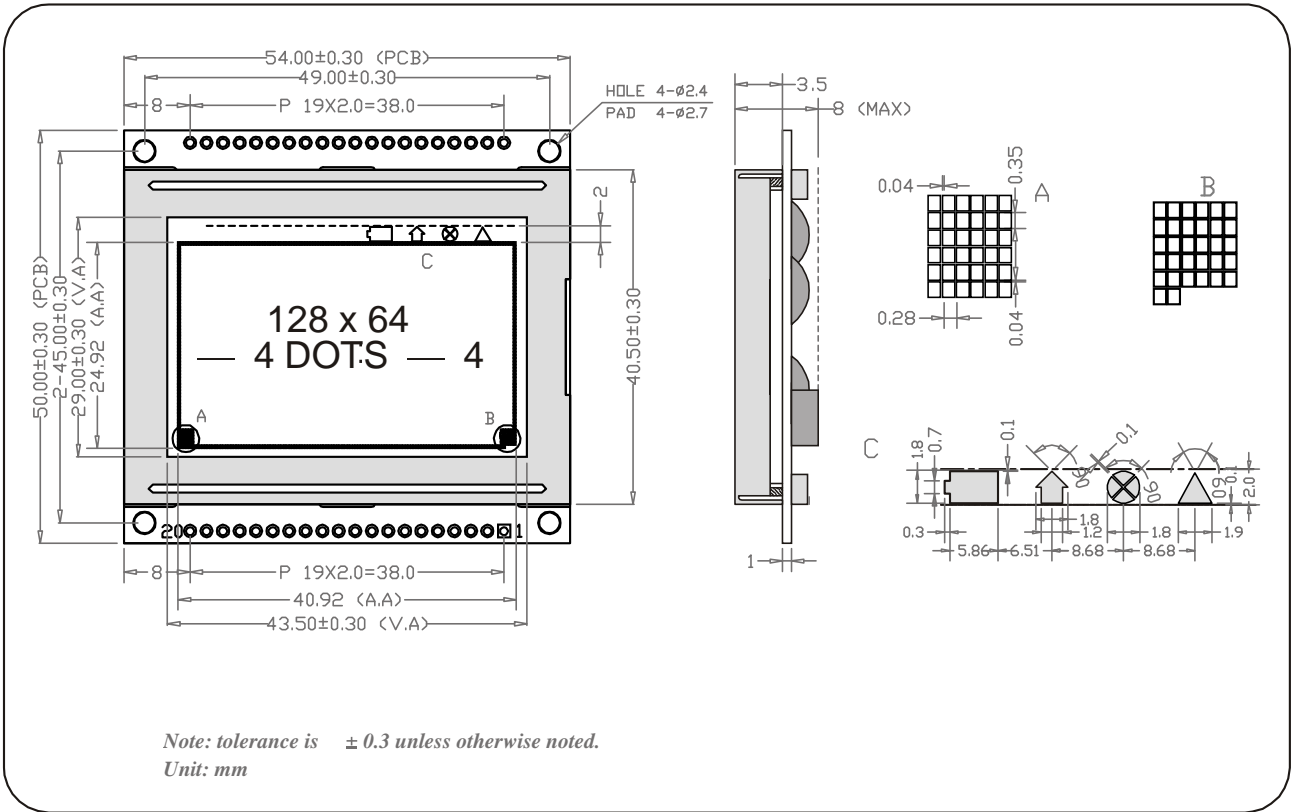


iLM12864G SERIES

CHARACTERISTICS:

- DISPLAY CONTENT: 128 x 64 DOTS
- LCD TYPE: STN Y/G
- EL BACKLIGHT: 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 _{SS}	V _{DD}	V ₀	A ₀	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 _{DD} -V _{SS}	0	7.0	V
LCD Voltage	V _{DD} -V ₀	0	17	
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	7.0	8.5	17	V
Current	Logic	I _{DD}	-	2.5	-	mA
	LCD	I _{EE}	-	2.0	-	mA
LCD Drive Voltage(25°C)				8.5		V
Voltage(25°C)		V _{IH}	0.7V _{DD}	-	V _{DD}	V
		V _{IL}	0	-	0.3V _{DD}	V

APPLICATION CIRCUIT

