

■ CHARACTERISTICS:

DISPLAY CONTENT: 128 × 64 DOTS

LCD TYPE: STN Y/G、STN BLUE、STN GREY

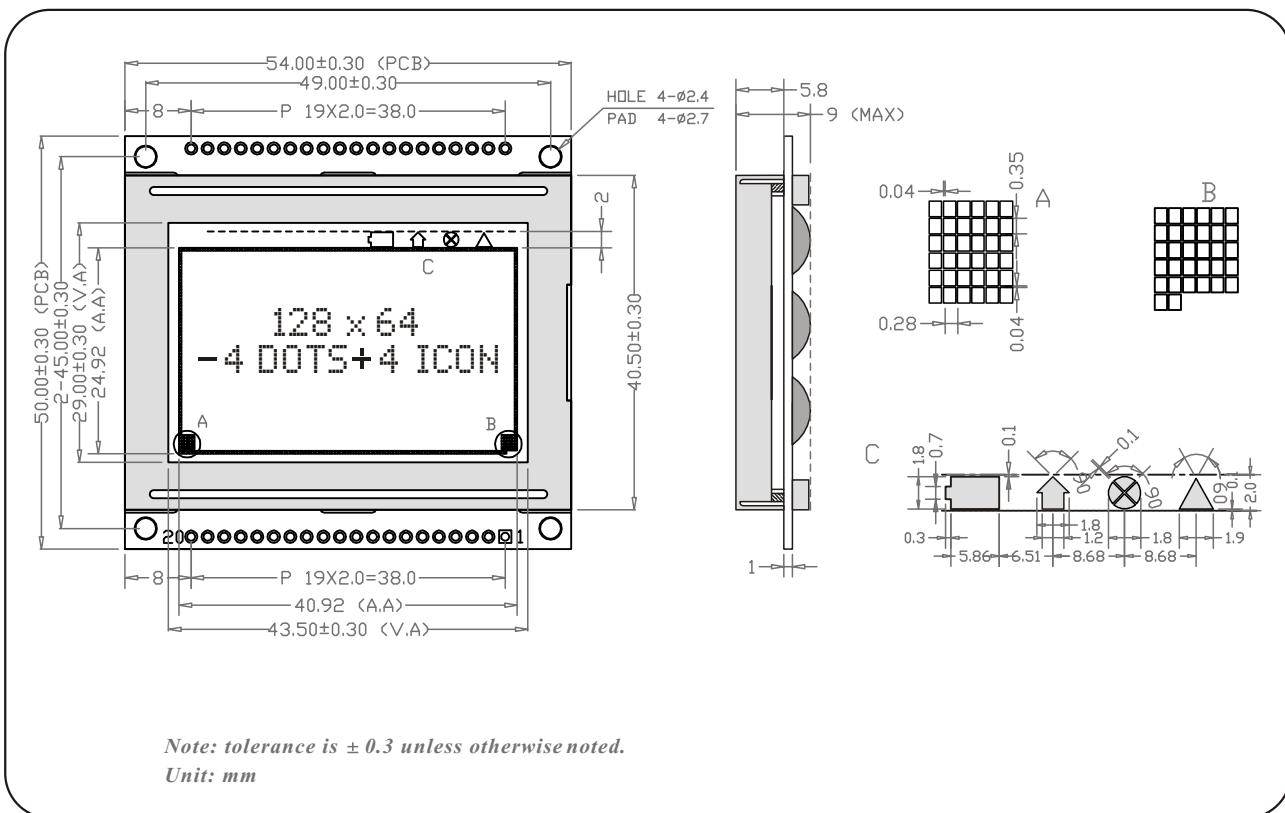
LED BACKLIGHT: Y/G、WHITE

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
Vss	VDD	V ₀	A ₀	R/W	E	D _B 0	D _B 1	D _B 2	D _B 3
11	12	13	14	15	16	17	18	19	20
DB4	DB5	DB6	DB7	CS1	CS2	RST	V _{EE}	LEDA	LEDK

■ ELECTRONIC PARAMETER

Parameter		Symbol	Standard Values			Unit
			Min.	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
Input Voltage	H	V _{IH}	0.7V _{DD}	-	V _{DD}	V
	L	V _{IL}	0	-	0.3V _{DD}	V

■ LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	V _{DD} -V _{SS}	0	7.0	
LCD Voltage	V _{DD} -V ₀	0	17	
Input Voltage	V ₁	0	V _{DD}	V

■ APPLICATION CIRCUIT