Graphic LCD 128x64 STN LED Backlight
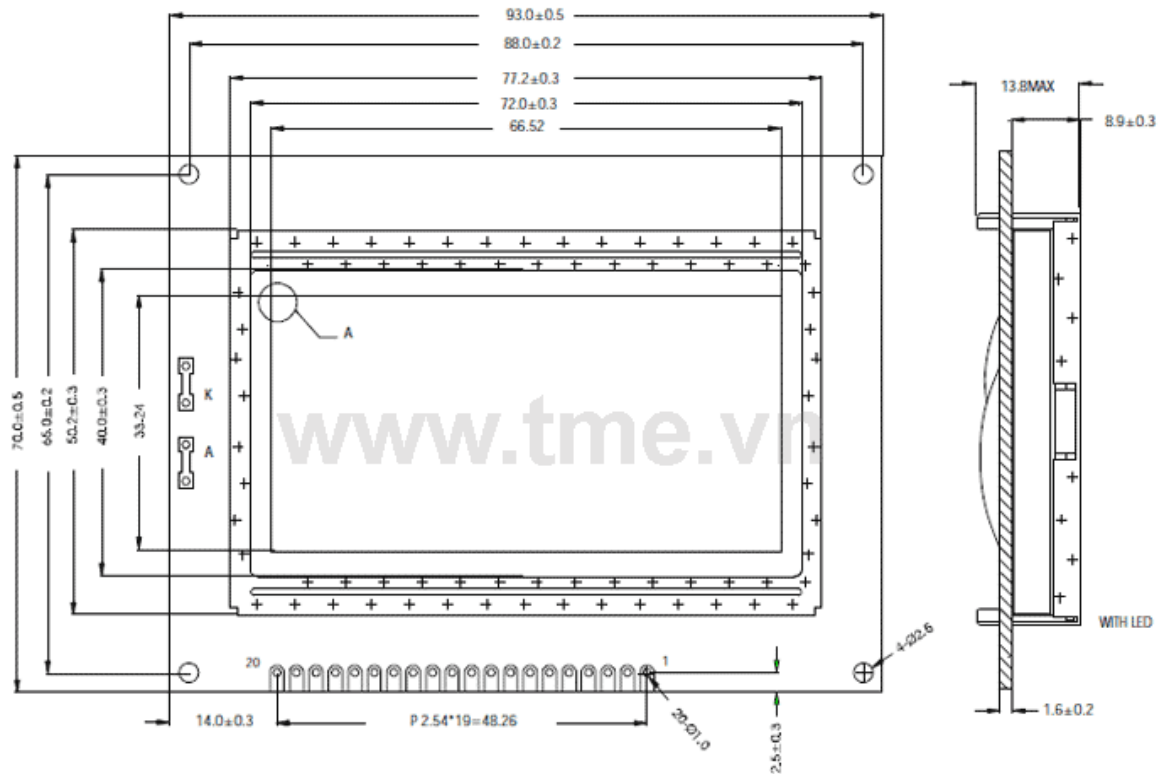
Description:
This is a framed graphical LCD 64x128 with LED backlight. This unit is a very clear STN type LCD with a simple command interface. This new module includes the negative voltage circuitry on board!

Utilizes the extremely common KS0108B parallel interface chipset ([datasheet](#)). Interface code is freely available. Includes LED Backlight.

Dimensions:

Interface Pin Connections

Pin No.	Symbol	Level	Description
1	VSS	0V	Ground
2	VDD	5.0V	Supply voltage for logic
3	VO	---	Input voltage for LCD
4	RS	H/L	H : Data signal, L : Instruction signal
5	R/W	H/L	H : Read mode, L : Write mode
6	E	H, H → L	Chip enable signal
7	DB0	H/L	Data bit 0
8	DB1	H/L	Data bit 1
9	DB2	H/L	Data bit 2
10	DB3	H/L	Data bit 3
11	DB4	H/L	Data bit 4
12	DB5	H/L	Data bit 5
13	DB6	H/L	Data bit 6
14	DB7	H/L	Data bit 7
15	CS1	H	Chip select signal for KS0108B(1)
16	CS2	H	Chip select signal for KS0108B(2)
17	RST	L	Reset signal
18	VOUT	-5V	Output voltage for LCD
19	A	4.2V	Sidelight anode
20	K	0V	Sidelight cathode