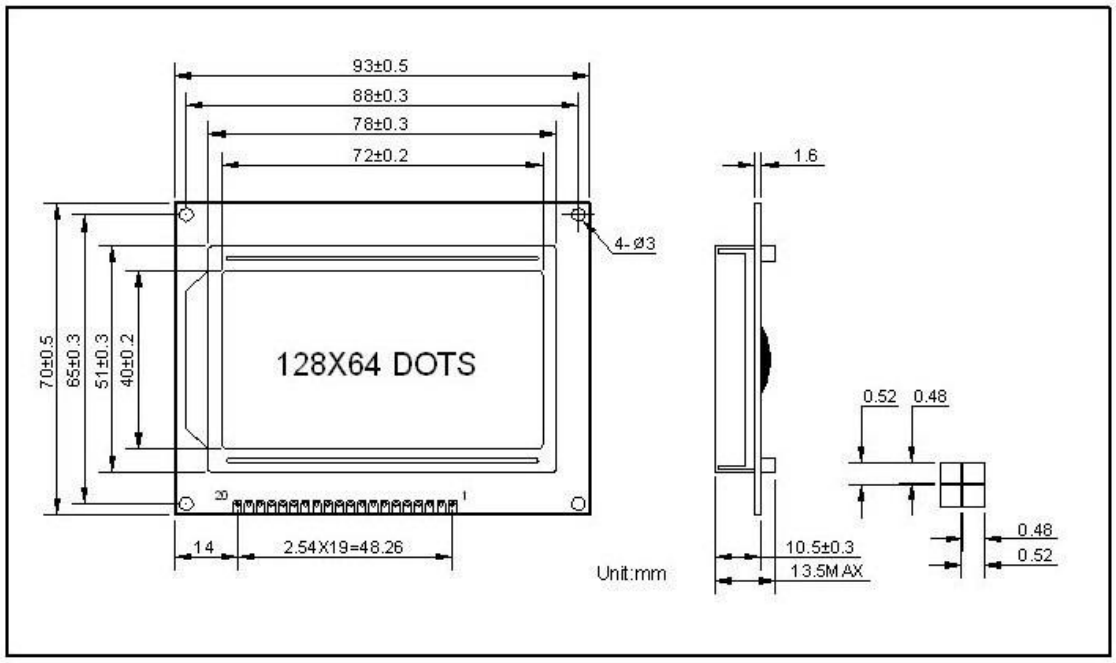
Porta Lógica Ltda



Items	size	unit
Module volume	93 X 70 X13	mm
View area	72 X40	mm
Point distance	0.52 X 0.52	mm
Point size	0.48 X0.48	mm

Parallel mode interface definition:

Pin number	definition	level	Function specification
1	VSS	0V	Power supply negative
2	VDD	+5V	Power supply positive
3	V0	-	Contrast control
4	RS	H/L	RS=H:shows data RS=L:controls instruction
5	R/W	H/L	R/W+H,E=H,data was read DB7-DB0 R/w=L,E=H=L:the data of DB7-DB0 was written to IR or DR
6	E	H/L	Enable pin
7-14	DB0-DB7	H/L	Data line
15	PSB	H/L	PSB=H,parallel mode,PSB=L,serial mode
16	NC	-	Empty pin
17	/RESET	H/L	Reset terminal,low level valid
18	Voult	-	Module drives voltage output terminal
19	A	+5V	Backlight power supply positive
20	K	0V	Backlight power supply negative

Serial module interface definition:

Pin number	definition	level	Function specification
1	VSS	0V	Power supply negative
2	VDD	+5V	Power supply positive
3	V0	-	Contrast control
4	CS	H/L	Chip selection terminal,high level valid
5	SID	H/L	Serial data input terminal
6	CLK	H/L	Serial synchronous clock
15	PSB	H/L	PSB=H,parallel mode,PSB=L,serial mode
17	/RESET	H/L	Reset terminal,low level valid
19	A	+5V	Backlight power supply positive
20	K	0V	Backlight power supply negative