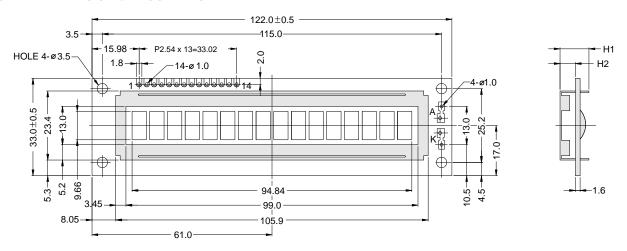
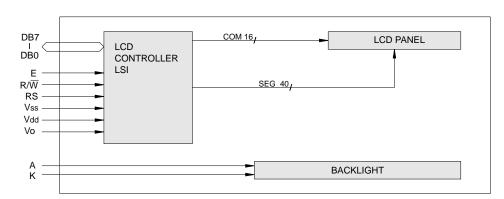


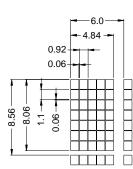
PC 1601-L



OUTLINE DIMENSION & BLOCK DIAGRAM







The tolerance unless classified ± 0.3 mm

MECHANICAL SPECIFICATION								
Overall Size	122.0 x 33.0	Module	H2 / H1					
View Area	99.0 x 13.0	W /O B/L	5.2 / 9.8					
Dot Size	0.92 x 1.10	EL B/L	5.2 / 9.8					
Dot Pitch	0.98 x 1.16	LED B/L	8.9 / 13.5					

PIN ASSIGNMENT						
Pin no.	Symbol	Function				
1	Vss	Power supply(GND)				
2	Vdd	Power supply(+)				
3	Vo	Contrast Adjust				
4	RS	Register select signal				
5	R/W	Data read / write				
6	Е	Enable signal				
7	DB0	Data bus line				
8	DB1	Data bus line				
9	DB2	Data bus line				
10	DB3	Data bus line				
11	DB4	Data bus line				
12	DB5	Data bus line				
13	DB6	Data bus line				
14	DB7	Data bus line				

ABSOLUTE MAXIMUM RATING										
Item	Symbol		Condition		Min.			Max.		Units
Supply for logic voltage	Vdd-Vss		25°C		-0.3			7		V
LCD driving supply voltage	Vdd-Vee		25°C		-0.3			13		V
Input voltage	Vin		25°C		-0.3		V	Vdd+0.3		V
ELECTRICAL CHARACTERISTICS										
Item	Symbol	Со	ndition	IV	lin.	Тур	ical	Max.		Units
Power supply voltage	Vdd-Vss	:	25°C		2.7		_		.5	V
	Vop		Тор		W	N	W	N	W	V
		-:	20°C	_	7.1	_	7.5	_	7.9	V
LCD operation voltage			0°C	4.6	-	4.9	ı	5.2	_	V
LOD operation voltage			25°C	4.2	6.1	4.4	6.4	4.8	6.7	V
			50°C	3.9	_	4.2	_	4.5	_	V
			70°C	-	5.7	_	6	_	6.3	V
LCM current consumption (No B/L)	ldd	٧	dd=5V	_		1.5		2.5		mA
Packlight ourrent consumption	LED/edge	VВ	/L=4.2V	_		_				mA
Backlight current consumption	LED/array	VB/L=4.2V		_		190		_		mA

REMARK

LCD option: STN, TN, FSTN

Backlight Option: LED,EL Backlight feature, other Specs not available on catalog is under request.