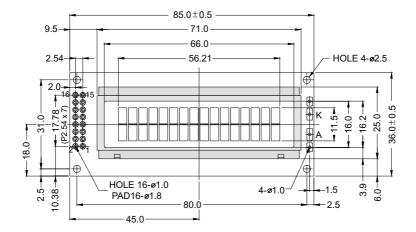
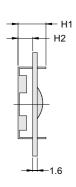


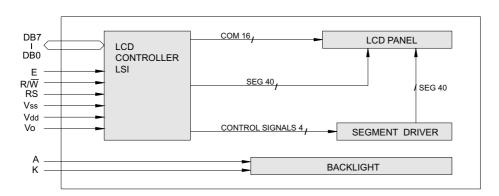
PC 1602-H

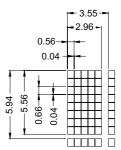


OUTLINE DIMENSION & BLOCK DIAGRAM









The tolerance unless classified ± 0.3 mm

MECHANICAL SPECIFICATION								
Overall Size	85.0 x 36.0	Module	H2 / H1					
View Area	66.0 x 16.2	W /O B/L	5.1 / 9.7					
Dot Size	0.56 x 0.66	EL B/L	5.1 / 9.7					
Dot Pitch	0.60 x 0.70	LED B/L	9.4 / 14.0					

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				
15	Α	Power supply for LED B/L (+)				
16	K	Power supply for LED B/L (-)				

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	Condition		M	/lin. Typic		ical	al Max.		Units
Power supply voltage	Vdd-Vss	:	25°C	2.7		_		5.5		V
LCD operation voltage	Vop		Тор		W	N	W	N	W	V
			20°C	_	7.1	_	7.5	_	7.9	V
			0°C	4.5	_	4.8	_	5.1	_	V
			25°C	4.1	6.1	4.4	6.4	4.7	6.7	V
			50°C	3.8	_	4.1	-	4.4	_	V
			70°C	_	5.7	_	6	_	6.3	V
LCM current consumption (No B/L)	ldd	V	dd=5V	_		2		3		mA
Packlight current concumption	LED/edge	VВ	/L=4.2V	_		_		_		mA
Backlight current consumption	LED/array	VB/L=4.2V		_		120		_		mA

REMARK

LCD option: STN, TN, FSTN

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