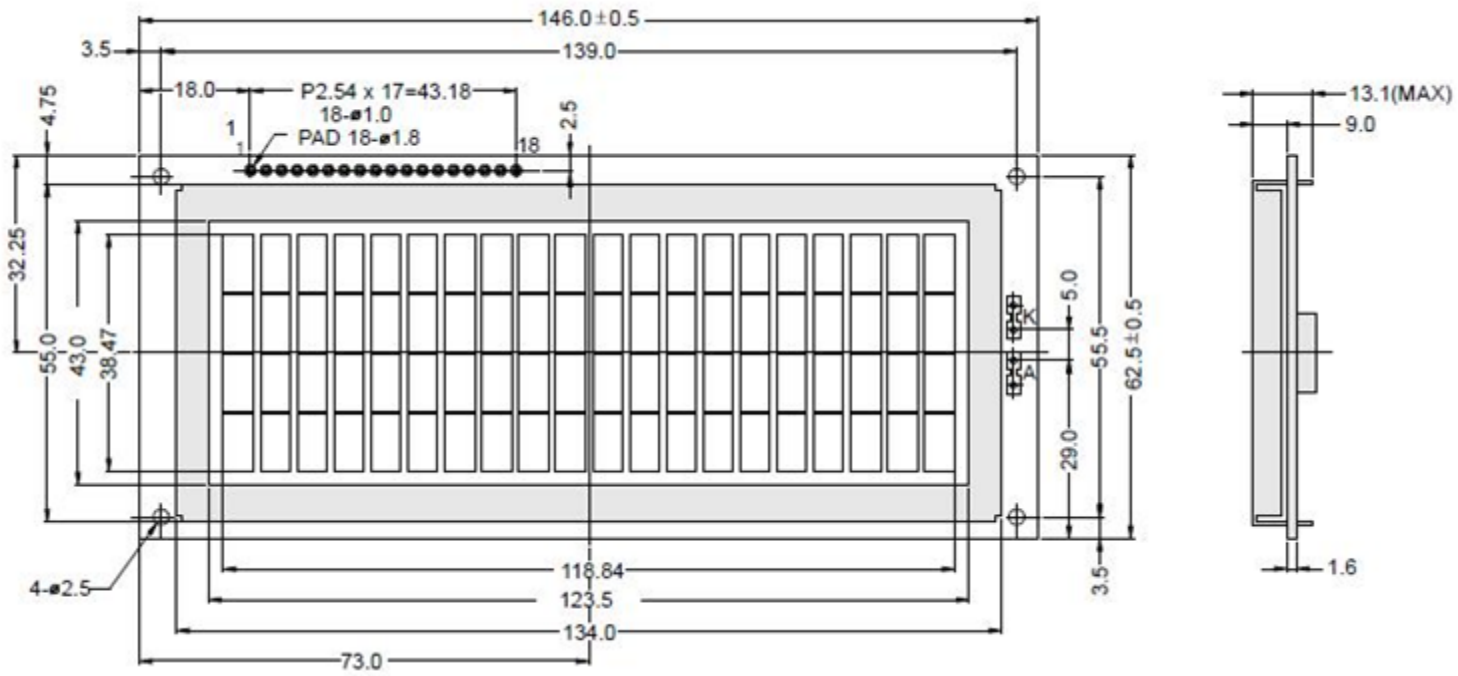


13. EXTERNAL DIMENSION



1	2	3	4	5	6	7	8	9
VSS	VDD	V0	RS	R/W	E	DB0	DB1	DB2
10	11	12	13	14	15	16	17	18
DB3	DB4	DB5	DB6	DB7	LEDA	LEDK	NC/Vee	NC

14. INTERFACE

PIN NO.	SYMBOL	DESCRIPTION	FUNCTION
1	VSS	GROUND	0V (GND)
2	VDD	POWER SUPPLY FOR LOGIC CIRCUIT	+5V
3	V0	LCD CONTRAST ADJUSTMENT	
4	RS	INSTRUCTION/DATA REGISTER SELECTION	RS = 0 : INSTRUCTION REGISTER RS = 1 : DATA REGISTER
5	R/W	READ/WRITE SELECTION	R/W = 0 : REGISTER WRITE R/W = 1 : REGISTER READ
6	E	ENABLE SIGNAL	
7	DB0	DATA BUS	8 BIT: DB0-DB7
8	DB1		
9	DB2		
10	DB3		
11	DB4		
12	DB5		
13	DB6		
14	DB7		
15	LEDA	SUPPLY VOLTAGE FOR LED+	+4.2V
16	LEDK	SUPPLY VOLTAGE FOR LED-	0V
17	NC/Vee	Negative voltage	