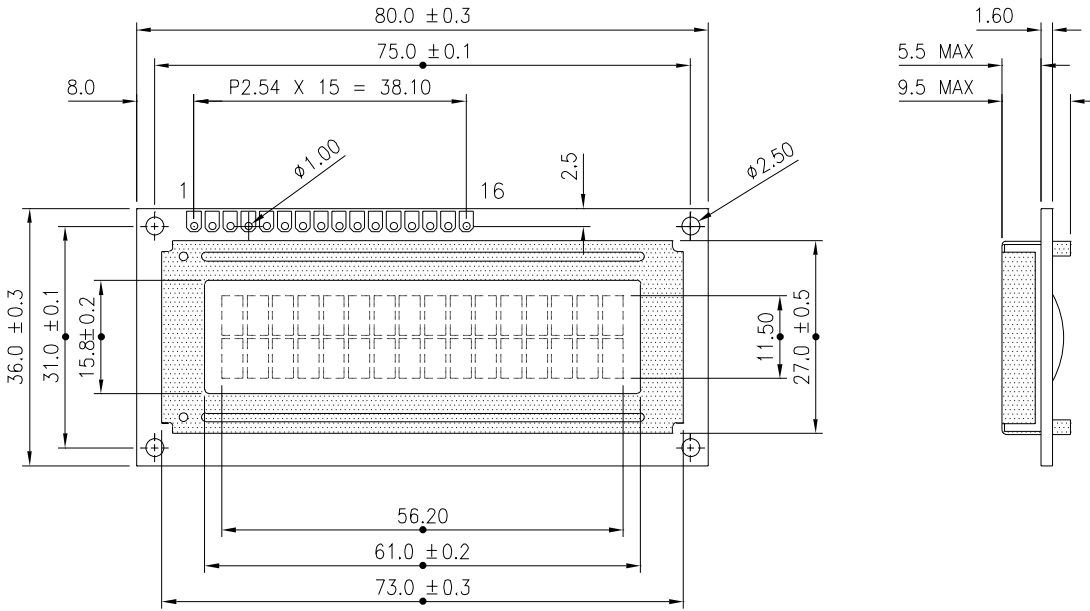
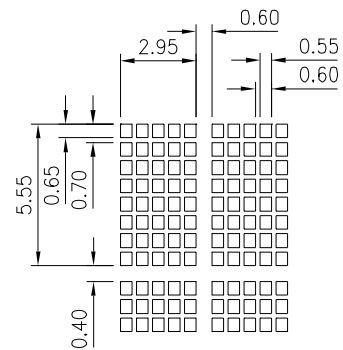


SCALE : 1=1



PIN NBR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FUNCTION	Vss	Vcc	Vee	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	NC	NC

Item	Symbol	Condition	Min.		Typ.		Max.		Unit
			N	W	N	W	N	W	
Operating Temperature	Top		0	-20			50	70	°C
Storage Temperature	Tstg		-10	-30			60	80	°C
Supply Voltage for LCD Bias	Vcc-Vee	Ta=-20°C		7.1		7.5		7.9	V
		Ta= 0°C	4.5		4.8		5.1		V
		Ta= 25°C	4.1	6.1	4.4	6.4	4.7	6.7	V
		Ta= 50°C	3.8		4.1		4.4		V
		Ta= 70°C		5.7		6.0	6.3	V	
Supply for Logic	Vcc-Vss	Ta= 25°C	4.5		5.0		5.5		V
Logic Current Drain	Icc	Ta= 25°C			1.5				mA



Character Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Initial DDRAM Address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	L1
Initial DDRAM Address	40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F	L2