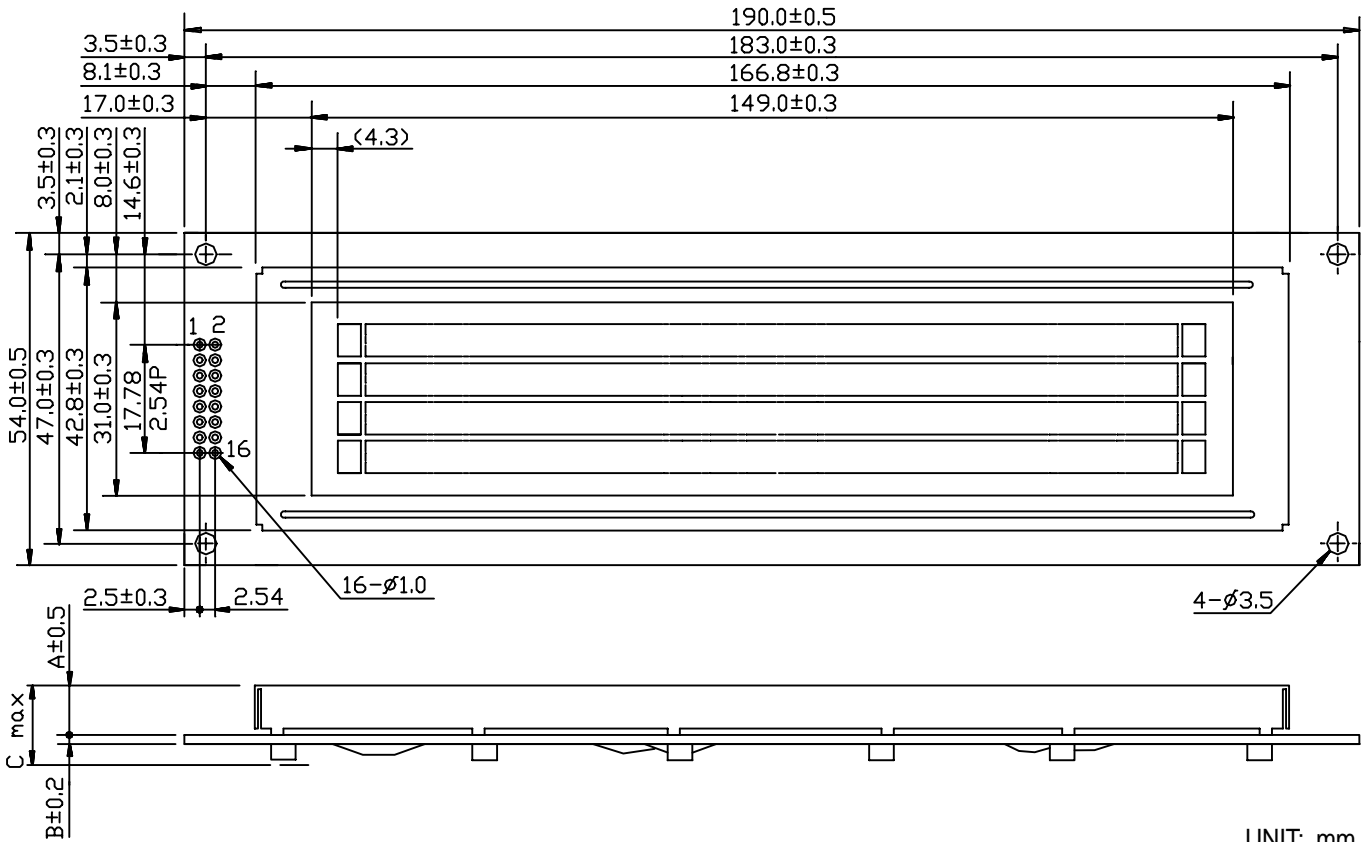
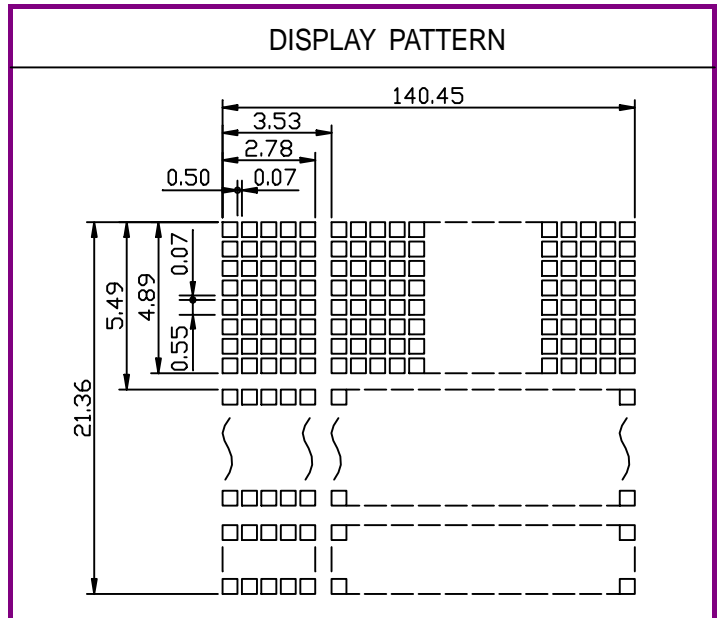


EXTERNAL DIMENSION



UNIT: mm

THICKNESS	A	B	C	UNIT
EL & NO B.L	4.9	1.6	10.0	mm
LED B.L (array & edge)	9.5	1.6	15.0	mm



PIN CONNECTIONS							
PIN NO	1	2	3	4	5	6	7
SYMBOL	DB7	DB6	DB5	DB4	DB3	DB2	DB1
PIN NO	8	9	10	11	12	13	14
SYMBOL	DB0	E1	R/W	RS	Vo	Vss	Vcc
PIN NO	15			16			
SYMBOL	E2			NC			

DISPLAY DATA ADDRESS CHARTS																																								
Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Line 1	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	20	21	22	23	24	25	26	27
Line 2	40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F	50	51	52	53	54	55	56	57	58	59	5A	5B	5C	5D	5E	5F	60	61	62	63	64	65	66	67
Line 3	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	20	21	22	23	24	25	26	27
Line 4	40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F	50	51	52	53	54	55	56	57	58	59	5A	5B	5C	5D	5E	5F	60	61	62	63	64	65	66	67