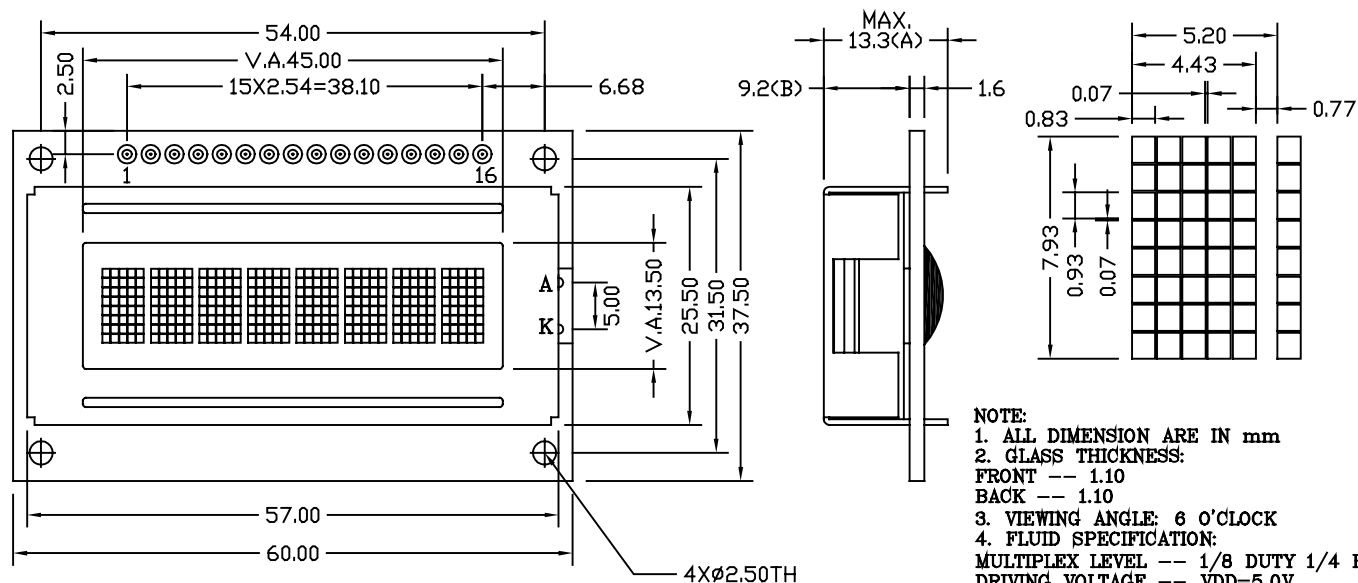


① EXTERNAL DIMENSION



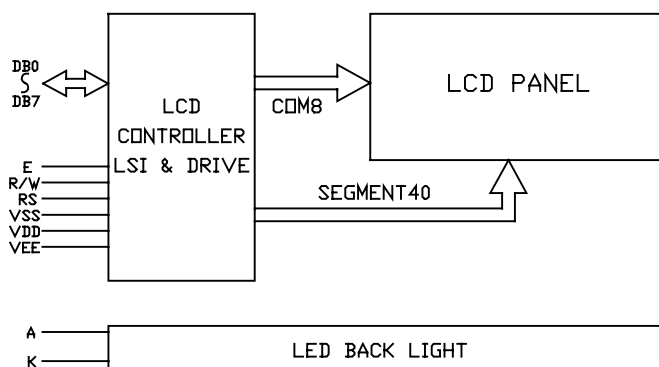
	A	B
LED B/L	13.30mm	9.20mm
WITHOUT B/L	9.00mm	5.20mm

NOTE:
 1. ALL DIMENSION ARE IN mm
 2. GLASS THICKNESS:
 FRONT --- 1.10
 BACK --- 1.10
 3. VIEWING ANGLE: 6 O'CLOCK
 4. FLUID SPECIFICATION:
 MULTIPLEX LEVEL --- 1/8 DUTY 1/4 BIAS
 DRIVING VOLTAGE --- VDD=5.0V
 OPERATING TEMPERATURE: 0°C TO 50°C
 STORAGE TEMPERATURE: -20°C TO 70°C
 5. TN TRANSFLECTIVE MODE

② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size (W X H X T)	60.0 X37.5 X13.3	mm
Viewing Area (W X H)	45.0 X13.5	mm
Number of Character	8 Character x 1 Line	Char
Dot Pitch (W X H)	1.00 X 0.90	mm
Dot Size (W X H)	0.93 X 0.83	mm
Character Pith (WXH)	7.93 X 5.20	mm
Character Size (W X H)	7.93 X 4.43	mm

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	LEVEL	DESCRIPTION
1	VSS	L	Power GND
2	VDD	H	Power Positive
3	VEE	L	Voltage For LCD PANEL Drive
4	RS	H/L	Register Select
5	R/W	H/L	Read/Write Select
6	E	H/L	Read/Write Enable
7	DB0	H/L	Data Bus
8	DB1	H/L	
9	DB2	H/L	
10	DB3	H/L	
11	DB4	H/L	
12	DB5	H/L	
13	DB6	H/L	
14	DB7	H/L	
15	A	H	LED BACKLIGHT +
16	K	L	LED BACKLIGHT -

⑤ ABSOLUTE MAXIMUM RATINGS(25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
Supply Voltage Logic	V _{DD}	-0.3	+7.0	V
Supply Voltage Driver	V _{LCD}	V _{DD} -15.0	V _{DD} +0.3	V
Input Voltage	V _{IN}	-0.3	V _{DD} +0.3	V