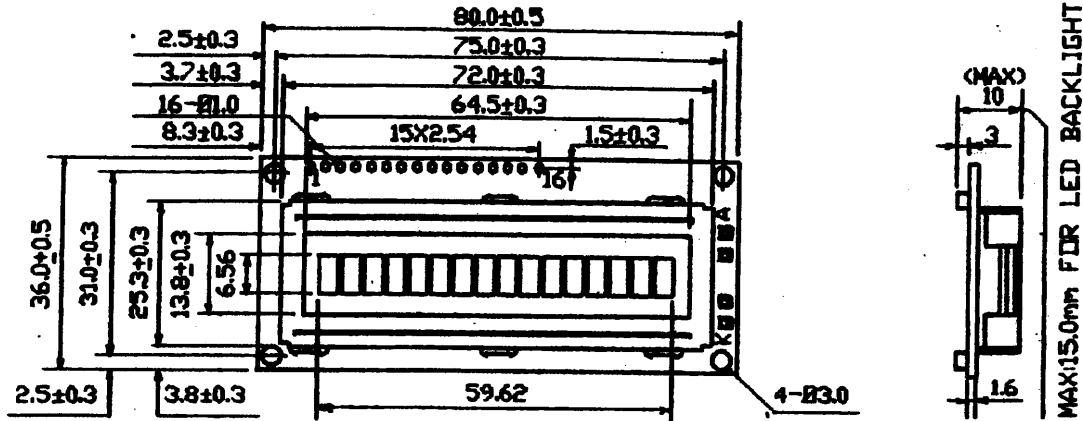


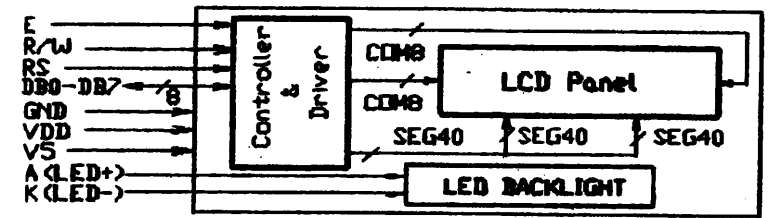
142591

TRI MODS-1533 STN NON B/L

16 X 1 CHARACTER MODULE



● Block Diagram & DD RAM Address

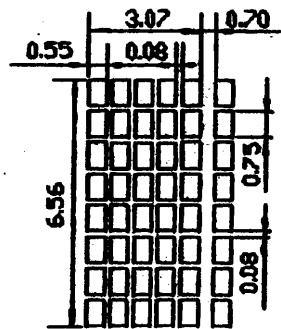


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
00	01	02	03	04	05	06	07	40	41	42	43	44	45	46	47

RAM area : 00H — 27H and 40H — 67H

Note : Please select 2 line display

● Display Pattern



● Interface Pin Function

Pin No.	Symbol	Level	Function	
1	Vss	---	Power Supply	0V
2	Vdd	===		+5V
3	Vee	---		for Liquid Crystal driving
4	Rs	H/L	Register select HiData Input LiInstruction Input	
5	R/W	H/L	Read/Write select HiData Read(Module → MPU) LiData Write(Module → MPU)	
6	E	H/H-L	Operation start signal for data read/write	
7	DB0	H/L	Lower order 4 line data bus with bidirectional three-state. Used for data transfer between the MPU and the module. These four are not used during 4-bit operation.	
8	DB1	H/L		
9	DB2	H/L		
10	DB3	H/L		
11	DB4	H/L	Higher order 4 lines data bus with bidirectional three-state. Used for data transfer between the MPU and the module. DB7 can be used as a BUSY flag	
12	DB5	H/L		
13	DB6	H/L		
14	DB7	H/L		
*15	A(LED+)	---	Supply Voltage for LED Backlighting	
*16	K(LED-)	---	0V(GND)	

Note : * marked pin are only for LED backlighting type