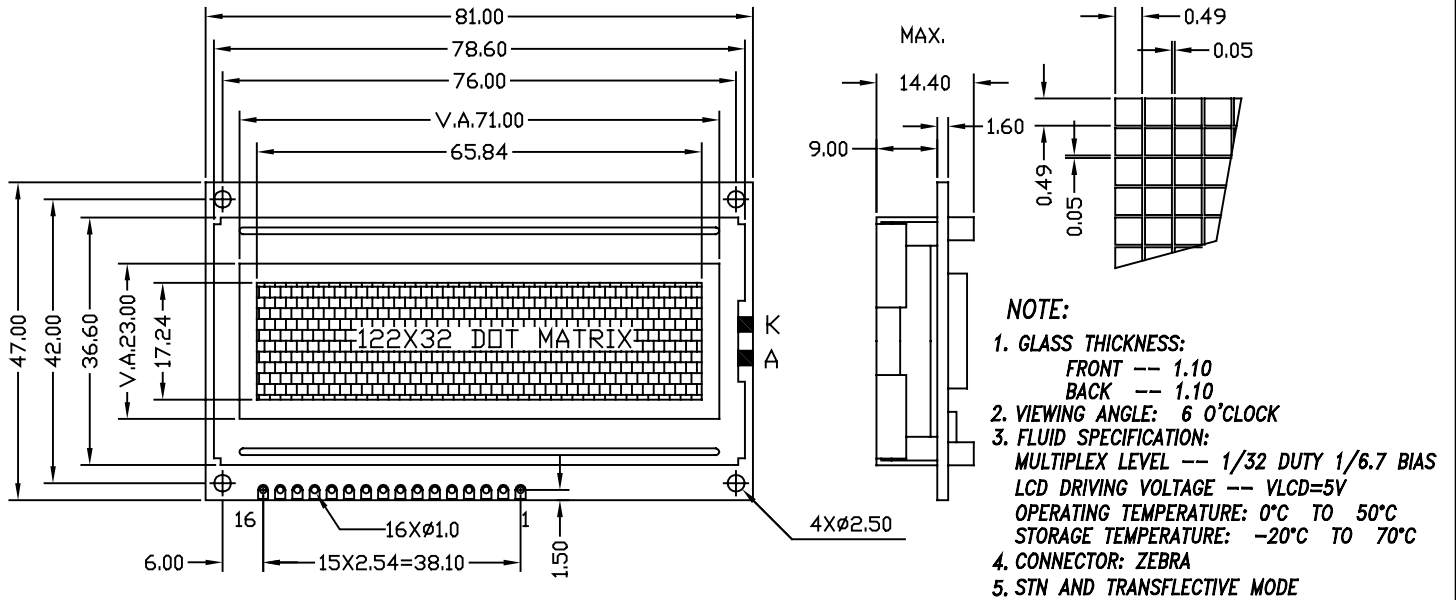


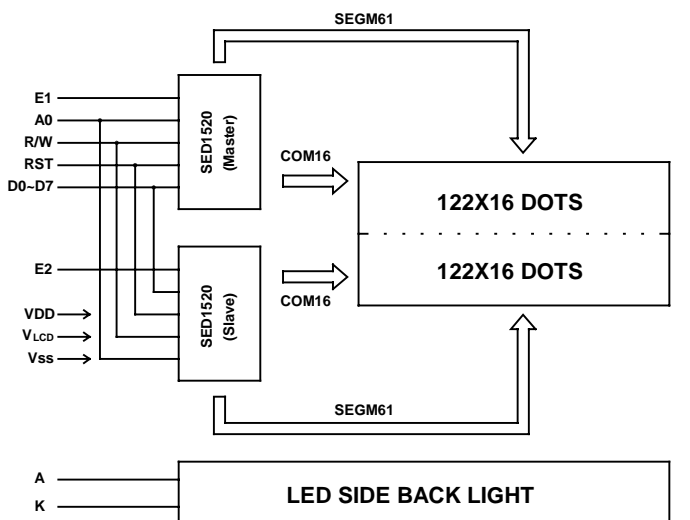
## ① EXTERNAL DIMENSION



## ② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size ( W X H X T )	81.00 X 47.00 X 9.00	mm
Module Size With B/L ( W X H X T )	81.00 X 47.00 X 14.40	mm
Viewing Area ( W X H )	71.00 X 23.00	mm
Number of Dots ( W X H )	122 X 32	dots
Dot Pitch ( W X H )	0.54 X 0.54	mm
Dot Size ( W X H )	0.49 X 0.49	mm
Weight	50.00	g

## ④ BLOCK DIAGRAM



## ③ PIN CONFIGURATION

ITEM	SYMBOL	LEVEL	DESCRIPTION
1	VEE	Power Supply	Operating Voltage for LCD (variable)
2	VSS	Power Supply	0V ( GND )
3	VDD	Power Supply	Supply Voltage For Logic and LCD (+5V)
4	A0	H/L	H: Data , L: Instruction code
5	E1	Chip select	Chip select signal for IC1
6	E2	Chip select	Chip select signal for IC2
7	R/W	H/L	H: Read, L: Write
8	RST	H/L	Reset signal IC
9	DB0	H/L	Data bit 0
10	DB1	H/L	Data bit 1
11	DB2	H/L	Data bit 2
12	DB3	H/L	Data bit 3
13	DB4	H/L	Data bit 4
14	DB5	H/L	Data bit 5
15	DB6	H/L	Data bit 6
16	DB7	H/L	Data bit 7

## ⑤ ABSOLUTE MAXIMUM RATINGS(25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
Supply Voltage Logic	V <sub>DD</sub>	-8.0	0.3	V
Supply Voltage Driver	V <sub>EE</sub>	-16.5	0.3	V
Input Voltage	V <sub>IN</sub>	V <sub>SS</sub> -0.3	0.3	V