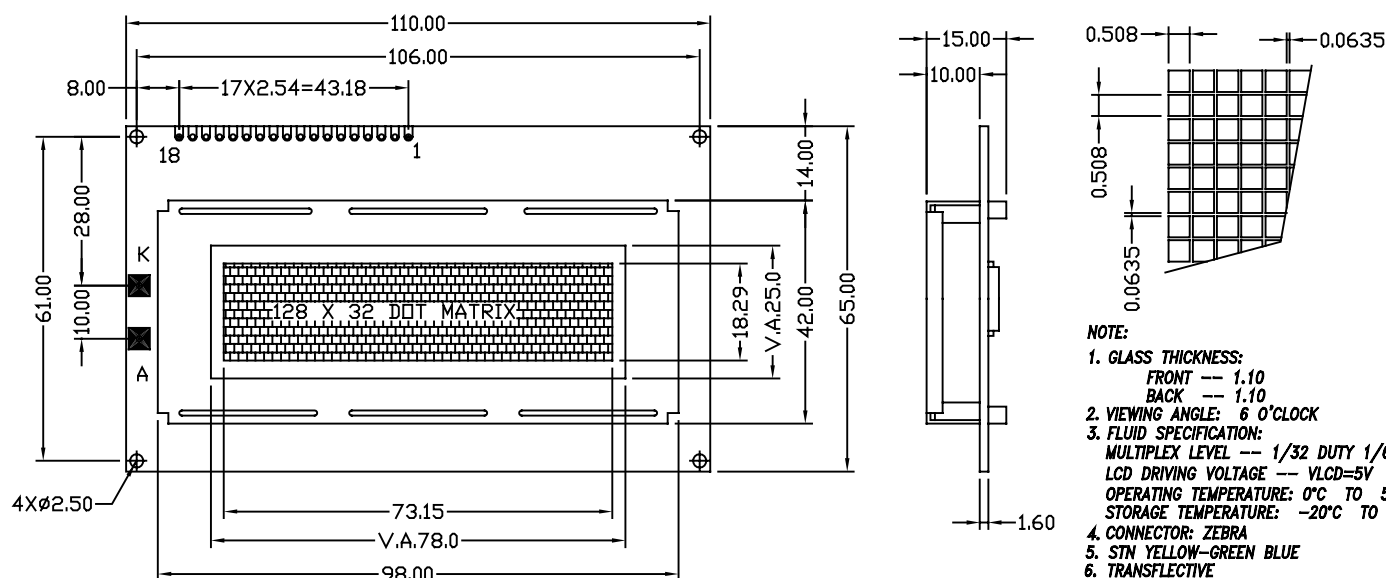


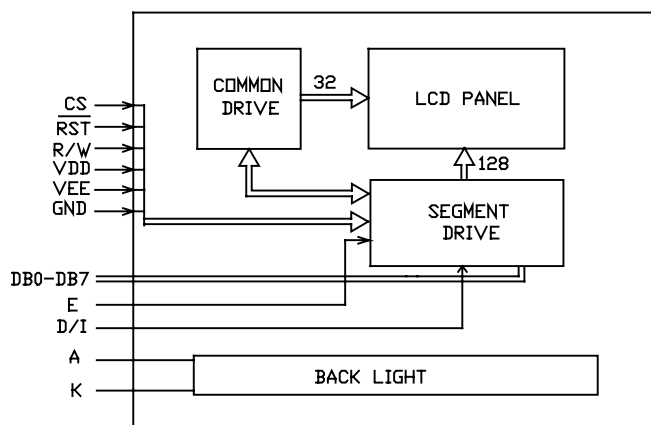
① EXTERNAL DIMENSION



② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size (W X H X T)	110.0 X 65.0 X 9.0	mm
Module Size With B/L (W X H X T)	110.0 X 65.0 X 15.0	mm
Viewing Area (W X H)	78.0 X 25.0	mm
Number of Dots (W X H)	128 X 32	dots
Dot Pitch (W X H)	0.5715 X 0.5715	mm
Dot Size (W X H)	0.508 X 0.508	mm
Weight	75.0 (With B/L)	g

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	LEVEL	DESCRIPTION
1	VEE	Power	For LCD driver circuit.
2	VDD	+5V	For internal logic circuit (+5V±10%).
3	GND	0V	Ground.
4	E	H/L	Enable signal.
5	D/I	H/L	Data input/output pin of internal shift register.
6	R/W	H/L	Read or Write.
7	RST	H/L	Reset signal.
8	CS	L	Chip selection .
9	DB0	H/L	Data bus [0~7]. There state I/O common terminal.
10	DB1	H/L	
11	DB2	H/L	
12	DB3	H/L	
13	DB4	H/L	
14	DB5	H/L	
15	DB6	H/L	
16	DB7	H/L	
17	A	H	Back-light anode.
18	K	L	Back-light cathode.

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 _{EE}	V _{DD} -19.0	V _{DD} +0.3	V
Input Voltage	V _{IN}	V _{SS}	V _{DD}	V