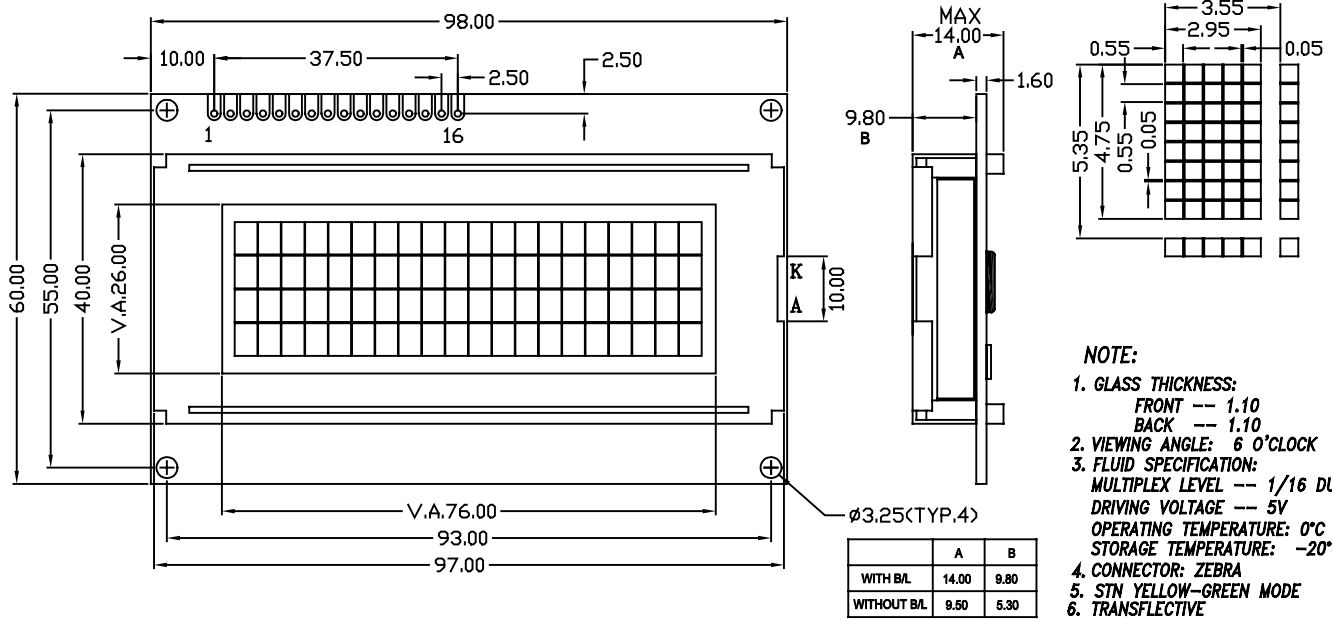


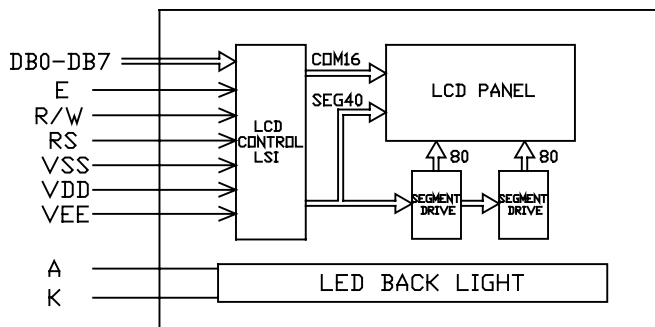
① EXTERNAL DIMENSION



② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size (W X H X T)	98.0 X 60.0 X 14.0	mm
Viewing Area (W X H)	76.0 X 26.0	mm
Number of Character	20 Character X 4 Line	Char
Dot Pitch (W X H)	0.60 X 0.60	mm
Dot Size (W X H)	0.55 X 0.55	mm
Character Pith (WXH)	3.55 X 5.35	mm
Character Size (W X H)	2.95 X 4.75	mm
Weight	50	g

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	K	L	LED BACKLIGHT -
16	A	H	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