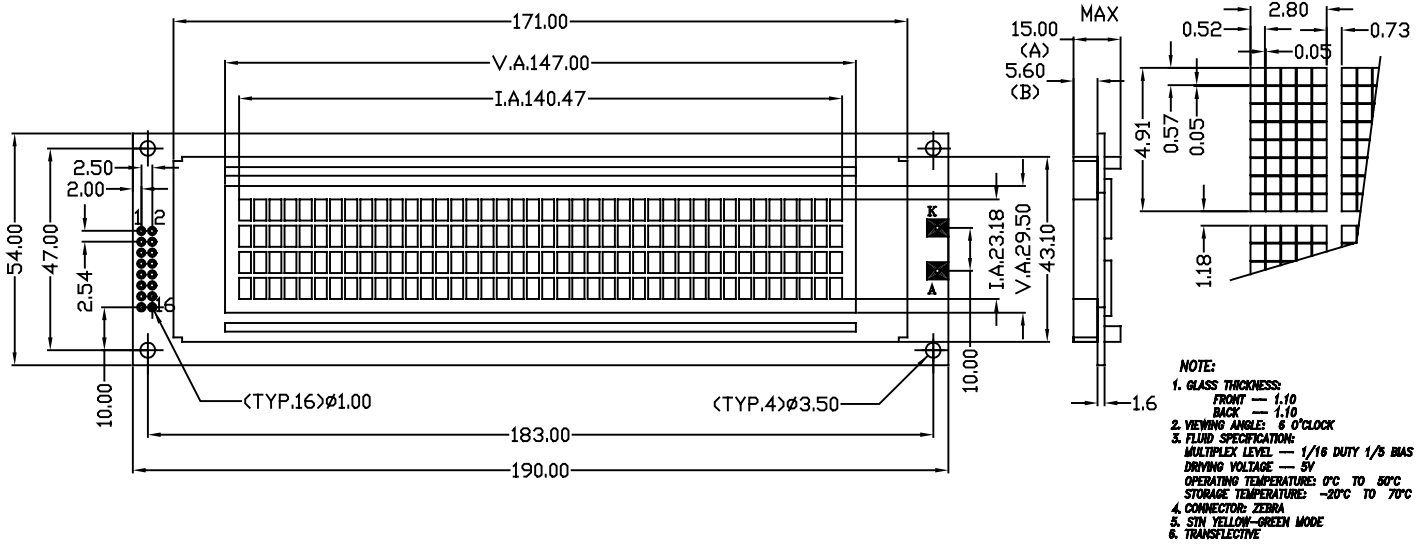


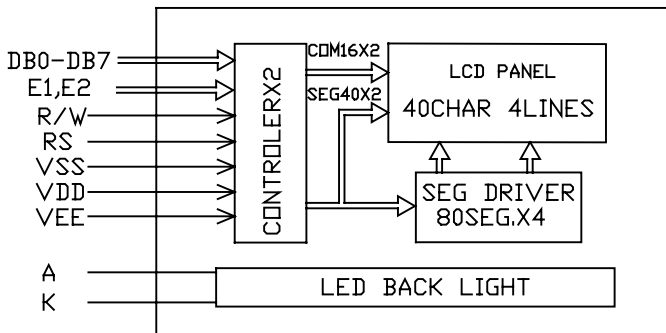
① EXTERNAL DIMENSION



② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size (W X H X T)	190.0 X 54.0 X 15.0	mm
Viewing Area (W X H)	147.0 X 29.5	mm
Number of Character	40 Character x 4 Line	Char
Dot Pitch (W X H)	0.62 X 0.57	mm
Dot Size (W X H)	0.57 X 0.52	mm
Character Pith (WXH)	6.09 X 3.53	mm
Character Size (W X H)	4.91 X 2.80	mm
Weight	100	g

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	LEVEL	DESCRIPTION
1	DB7	H/L	Data Bus
2	DB6	H/L	
3	DB5	H/L	
4	DB4	H/L	
5	DB3	H/L	
6	DB2	H/L	
7	DB1	H/L	
8	DB0	H/L	
9	E1	H/L	Chip1 Read/Write Enable
10	R/W	H/L	Read/Write Select
11	RS	H/L	Register Select
12	VEE	L	Voltage For LCD PANEL Drive
13	VSS	L	Power GND
14	VDD	H	Power Positive
15	E2	H/L	Chip2 Read/Write Enable
16	VSS	L	Power GND

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