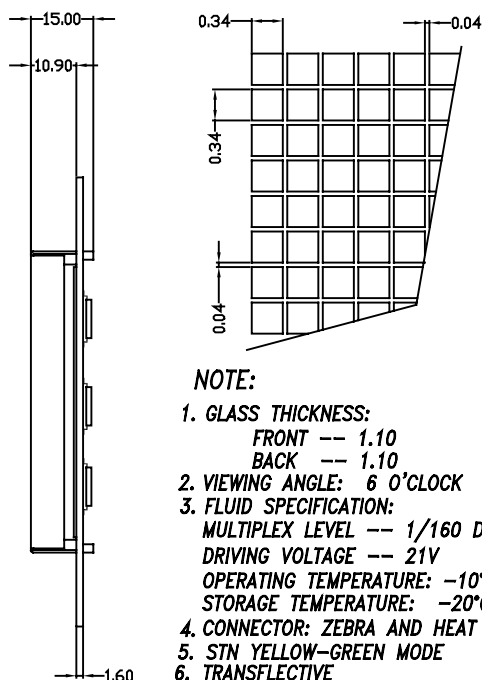
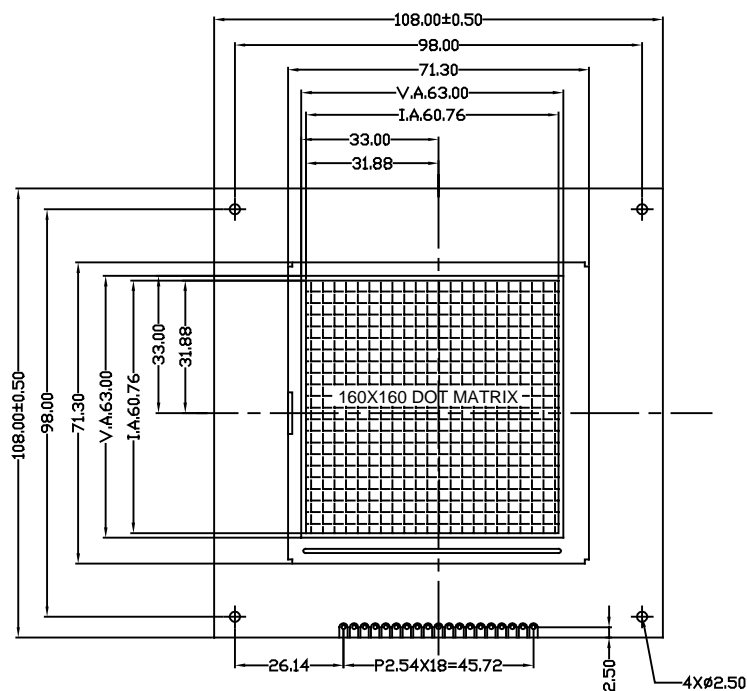


① EXTERNAL DIMENSION



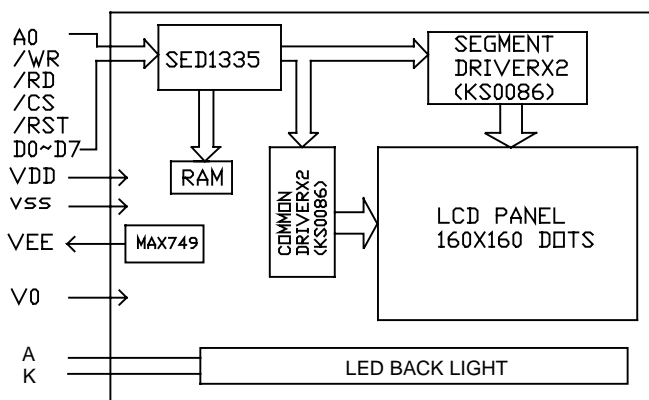
NOTE:

- GLASS THICKNESS:
FRONT -- 1.10
BACK -- 1.10
- VIEWING ANGLE: 6 0'CLOCK
- FLUID SPECIFICATION:
MULTIPLEX LEVEL -- 1/160 DUTY 1/13 BIAS
DRIVING VOLTAGE -- 21V
OPERATING TEMPERATURE: -10°C TO 65°C
STORAGE TEMPERATURE: -20°C TO 85°C
- CONNECTOR: ZEBRA AND HEAT SEAL
- STN YELLOW-GREEN MODE
- TRANSFLECTIVE

② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size With B/L (W X H X T)	108.0X108.0X15.0	mm
Internal Area (W X H)	60.76 X 60.76	mm
Viewing Area (W X H)	63.00 X 63.00	mm
Number of Dots (W X H)	160 X 160	dots
Dot Pitch (W X H)	0.38 X 0.38	mm
Dot Size (W X H)	0.34 X 0.34	mm
Weight	-	g

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	DESCRIPTION
1	VSS	Ground
2	VDD	Supply Logic Voltage
3	VEE	Supply Voltage for driving LCD
4	A0	Data Type Select
5	/WR	Write Signal Input (80 Series)
6	/RD	Read Signal Input (80 Series)
7	D0	Data Bus
8	D1	
9	D2	
10	D3	
11	D4	
12	D5	
13	D6	
14	D7	
15	/CS	Chip Select
16	/RST	Input For Reset Signal
17	V0	Adjustment contrast input
18	A	Back-light Anode.
19	K	Back-light Cathode.

⑤ ABSOLUTE MAXIMUM RATINGS(25°C)

PARAMETER	SYMBOL	Standard Value	UNIT
Power Supply Voltage	VDD~VSS	-0.3~ +7.0	V
LCD Driving Voltage	VDD~VLCD	0 ~ +30	V
Input Voltage	VIN	-0.3 ~ VDD+0.3	V