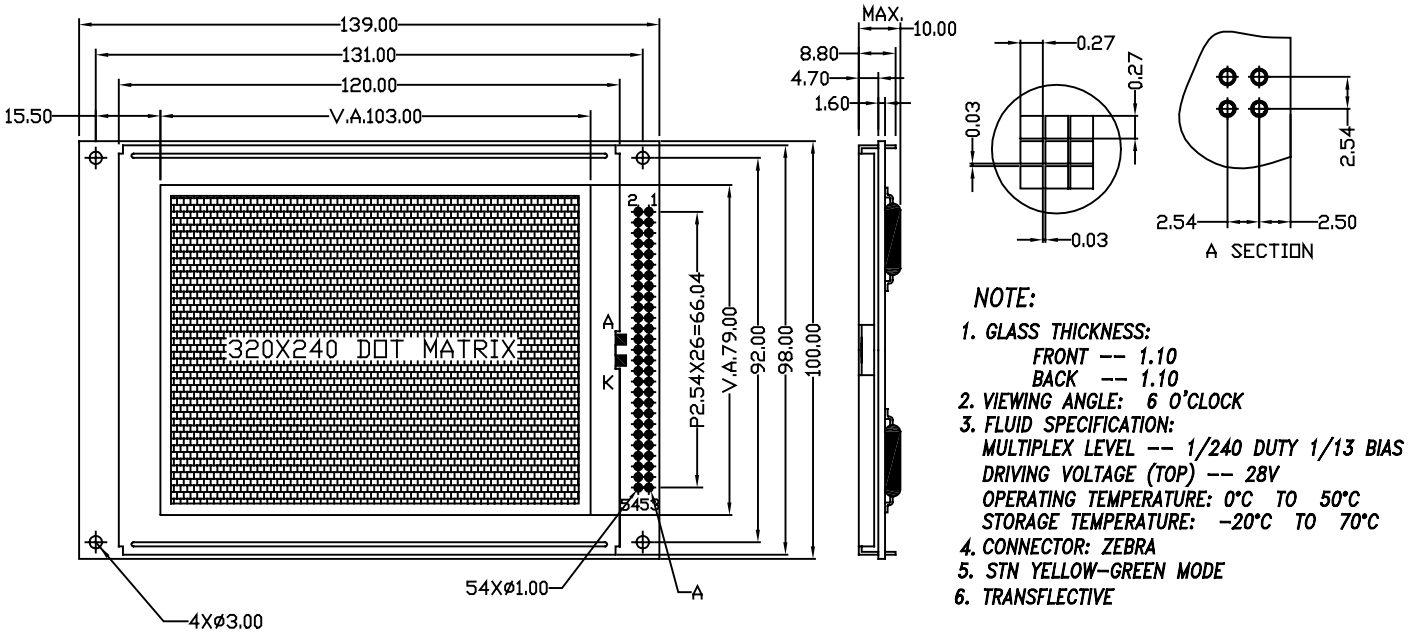
LCD GROUP

ITM-36601CSTL

INTECH LCD (SHEN ZHEN) CO.,LTD			
VER	A0	FILE NO	IT-III-ED-004
REV.NO	01	SHEET	OF
DATE	2000-03-04		

① EXTERNAL DIMENSION



NOTE:

1. GLASS THICKNESS:
   FRONT -- 1.10
   BACK -- 1.10
2. VIEWING ANGLE: 6 O'CLOCK
3. FLUID SPECIFICATION:
   MULTIPLEX LEVEL -- 1/240 DUTY 1/13 BIAS
   DRIVING VOLTAGE (TOP) -- 28V
   OPERATING TEMPERATURE: 0°C TO 50°C
   STORAGE TEMPERATURE: -20°C TO 70°C
4. CONNECTOR: ZEBRA
5. STN YELLOW-GREEN MODE
6. TRANSFLECTIVE

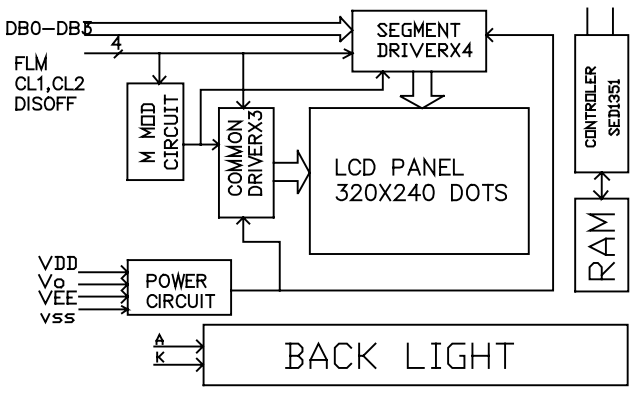
② MECHANICAL DATA

ITEM	SPECFICATION	UNIT
Module Size (W X H X T)	139.0 X 100.0 X 10.0	mm
Module Size With B/L (W X H X T)	139.0 X 100.0 X 15.0	mm
Viewing Area (W X H)	103.0 X 79.0	mm
Number of Dots (W X H)	320 X 240	dots
Dot Pitch (W X H)	0.30 X 0.30	mm
Dot Size (W X H)	0.27 X 0.27	mm
Weight	130.0	g

③ PIN CONFIGURATION

ITEM	SYMBOL	DESCRIPTION
1,45	VSS	GND (0V)
2,44	VDD	Power Supply (5V)
3,43	VEE	Supply Voltage LCD Driver
4,42	V0	Operating Voltage for LCD (Variable).
5	$\overline{Z_{OSC}}$	This input is selects an SED1351 control register.
6	$\overline{RW}$	This input is used for writing data from a control tegister.
7	$\overline{RD}$	This input is used for reading data from a control tegister.
8	$\overline{MEMCS}$	This signal indicates MPU is attempting to access the VRAM.
9	$\overline{READY}$	MPU "wait" request output.
10	$\overline{MPUCK}$	MPU click input.
11	$\overline{RESET}$	MPU reset input.
12--26	AB0--AB14	There pins are connected to the MPU address bus.
27--34	DB0--DB7	Display data bits 0~7.
35,36,39,41	NC	Unused.
37	L1	Back-light.
38,40	L2	Back-light.
46	M	AC conversion signal for liquid crystal display drive output.
47	DISPOFF	Display enable signal . H : ON , L : OFF
48	FLM	The FLM signal indicates the beginning of each display cycle.
49--52	D3--D0	I/O selects pins.
53	CL1	Column driver data latch signal.
54	CL2	In column driver operation , used as a display data latch signal

④ BLOCK DIAGRAM



⑤ ABSOLUTE MAXIMUM RATINGS(25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
Supply Voltage Logic	VDD	-0.3	7.0	V
Supply Voltage Driver	VEE	0	30	V
Input Voltage	VI	-0.3	VDD+0.3	V