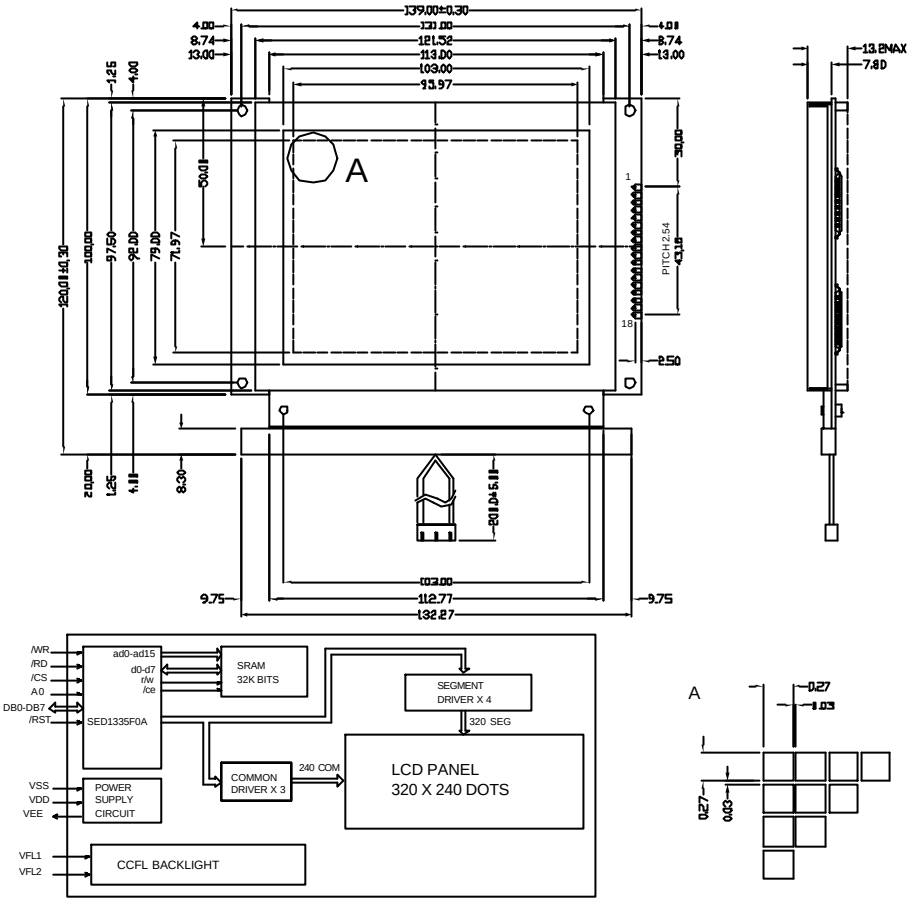
DM320240A

ORIENT DISPLAY 2001

320x240
DOTS

OPTIONS

* LCD PANEL
  STN
  FSTN
* View Angle
  6H
* Backlight
  CCFL



MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
Overall Size	139.0Wx120.0Hx13.2T	mm
Viewing Area	103.0Wx79.0H	mm
Dot Number	320Wx240H	
Dot Size	0.27Wx0.27H	mm
Dot Pitch	0.3Wx0.3H	mm

PIN ASSIGNMENT		
PIN	SYMBOL	FUNCTION
1	Vss	Power Supply(GND)
2	Vdd	Power Supply(+5V)
3	Vo	Contrast Adjust
4	/WR	Data Write
5	/RD	Data Read
6	/CS	Chip Select
7	A0	Data Type Select
8	/RST	Reset
9-16	DB0-DB7	Data Bus Line
17	NC	No Connect
18	VEE	Negative Voltage Output

PIN	SYMBOL	FUNCTION
19	VFL1	Power Supply For CCFL
20	NC	Power Supply(+5V)
21	VFL2	Power Supply For CCFL

ABSOLUTE MAXIMUM RATINGS				
ITEM	SYMBOL	MIN.	MAX.	UNIT
Power Supply (Logic)	Vdd	-0.3	7.0	V
Power Supply (LCD)	Vo	Vdd-30.0	Vdd+0.3	V
Input Voltage	Vi	-0.3	Vdd	V
Operating Temperature	Topr	0	50	℃
Storage Temperature	Tstg	-20	70	℃

ELECTRICAL CHARACTERISTICS(Ta=25C, Vdd=5V+0.25V)					
ITEM	SYMBOL	MIN.	MIN.	MAX.	UNIT
Power Supply(Logic)	Vdd	4.5	5.0	5.5	V
Supply Current	Idd	—	11.9	20	mA
LCD Driving Voltage	Vdd-Vo	23.7	24.9	26.1	V
Input Voltage "H"	Vih	2.2	—	Vdd	V
Input Voltage 'L"	Vil	—	—	0.6	V
Output Voltage "H"	Voh	2.4	—	—	V
Output Voltage 'L"	Vol	—	—	0.4	V