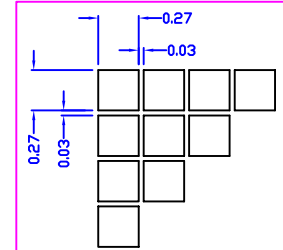
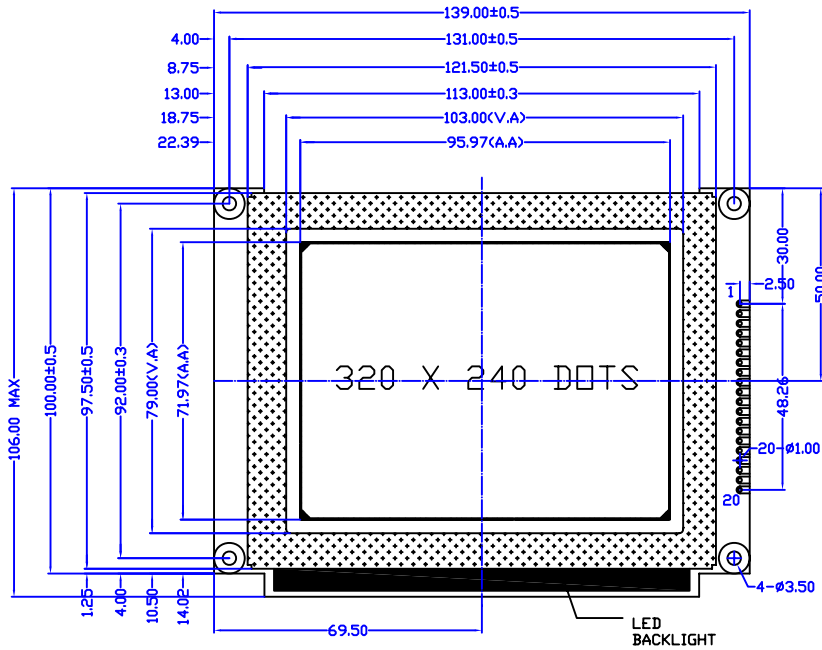
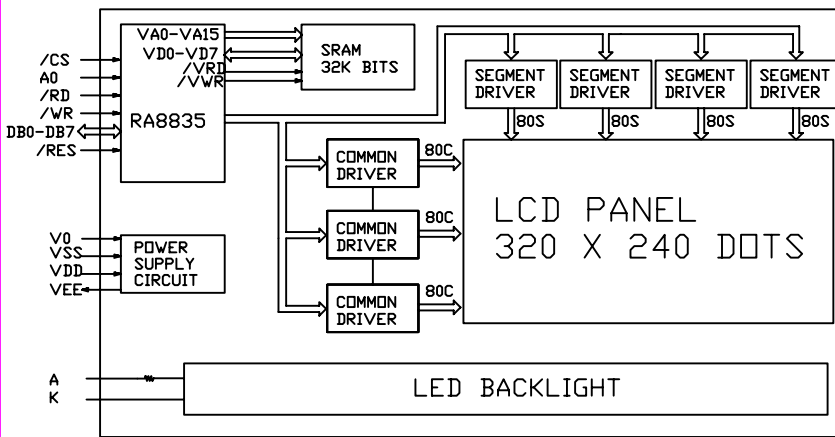


Outline Dimension

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	08/07/01	ZOLEN	NEW RELEASE



Block Diagram



Feature

1. BUILT IN CONTROLLER: RA8835 OR EQUIVALENT
2. POWER SUPPLY: 5.0V AND 3.0V AVAILABLE
3. LCD TYPE: BLUE STN,NEGATIVE
4. BACKLIGHT: CCFL,SIDE LED BACKLIGHT
5. COLOUR OF BACKLIGHT: WHITE
6. 1/128 DUTY CYCLE,1/12BIAS
7. VIEWING ANGLE:6 O'CLOCK
8. TEMPERATURE RANGE:EXTENDED(-20--70)
9. LOW CONSUMPTION,LOW VOLTAGE,HIGH CONTRAST

Mechanical Data

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	139.0W x 120.0H x 13.0T	MM
VIEWING AREA	103.0W x 79.0H	MM
DOT NUMBER	320 x 240	DOTS
DOT SIZE	0.27W x 0.27H	MM
DOT PITCH	0.30W x 0.30H	MM

CN1 Pin Assignment

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY FOR LOGIC AND LCD
3	V0	OPERATING VOLTAGE FOR LCD
4	/WR	WRITE SIGNAL
5	/RD	READ SIGNAL
6	/CE	CHIP SELECTION
7	A0	COMMAND/DATA SELECT
8	/RST	RESET SIGNAL (LOW EFFECTIVE)
9--16	DB0--DB7	DATA BUS
17	A	LED BACKLIGHT POWER SUPPLY(+)
18	VEE	NEGATIVE VOLTAGE INPUT/OUTPUT
19	A	LED BACKLIGHT POWER SUPPLY(+)
20	K	LED BACKLIGHT POWER SUPPLY(-)

Absolute Maximum Rating

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	24.0	V
INPUT VOLTAGE	VI	VI	VDD	V

Electrical Characteristics

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	12.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	10C	-	25.1	V
		25C	-	24.2	V
		40C	-	23.2	V
INPUT VOLTAGE	H	VIH	0.7VDD	-	V
	L	VIL	0	0.3VDD	V

ALL DIMENSIONS ARE IN MM. TOLERANCE IS +/-0.2 UNLESS OTHERWISE NOTED.

JXD320240B

320 X 240 DOTS GRAPHIC LCM

EXPERT IN LCD

