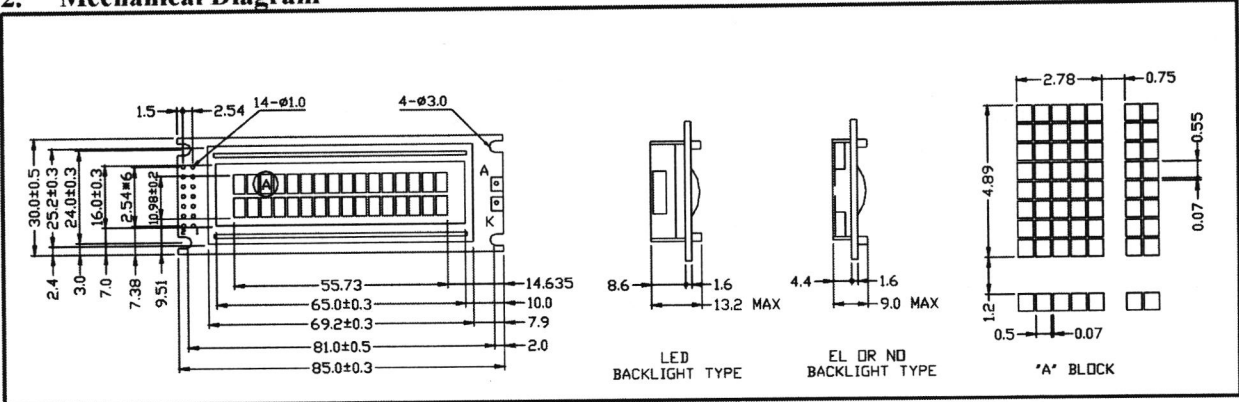


1. Mechanical Specification

ITEM	STANDARD VALUE			UNIT
NUMBER OF CHARACTERS	16 CHARACTERS X 2 LINES			--
CHARACTER FORMAT	5 X 8 DOTS			--
MODULE DIMENSION	85.0 (W) X 30.0 (H) X 9.0 (T) 85.0 (W) X 30.0 (H) X 13.2 (T)			mm
VIEWING DISPLAY AREA	65.0 (W) X 16.0 (H)			mm
ACTIVE DISPLAY AREA	56.21 (W) X 10.98 (H)			mm
CHARACTER SIZE	2.78 (W) X 4.89 (H)			mm
CHARACTER PITCH	3.53 (W) X 6.09 (H)			mm
DOT SIZE	0.50 (W) X 0.55 (H)			mm
DOT PITCH	0.57 (W) X 0.62 (H)			mm
LMC-SSC2A16DRG-01	STN , Gray , 1/16 Duty , 6 O'clock			
LMC-SSC2A16DRY-01	STN , Yellow Green , 1/16 Duty , 6 O'clock			
LMC-SSC2A16DLGY-01	STN , Gray , 1/16 Duty , 6 O'clock , LED Backlight			
LMC-SSC2A16DLYY-01	STN , Yellow Green , 1/16 Duty , 6 O'clock , LED Backlight			
LMC-SSC2A16DLYB-01	STN , Yellow Green , 1/16 Duty , 6 O'clock , LED Backlight (color is Blue)			
LMC-SSC2A16DLGY-E01	STN , Gray , 1/16 Duty , 6 O'clock , E Mode LED Backlight			
LMC-SSC2A16DLYY-E01	STN , Yellow Green , 1/16 Duty , 6 O'clock , E Mode LED Backlight			
EL Use Inverter Type	SDEC-I001A			
Inverter Input	DC +5V	V	25	mA
Inverter Output	AC 90 ~ 110	V	400 ~ 700	Hz
Backlight Half-Lift Time	3,000			HR.
LED Backlight Color	Yellow Green			
Backlight Input	DC +4.2V	V	100	mA
Backlight Half-Lift Time	50,000			HR.
E Mode LED Backlight Color	Yellow Green			
Backlight Input	DC +4.2V	V	40	mA
Backlight Half-Lift Time	30,000			HR.

2. Mechanical Diagram



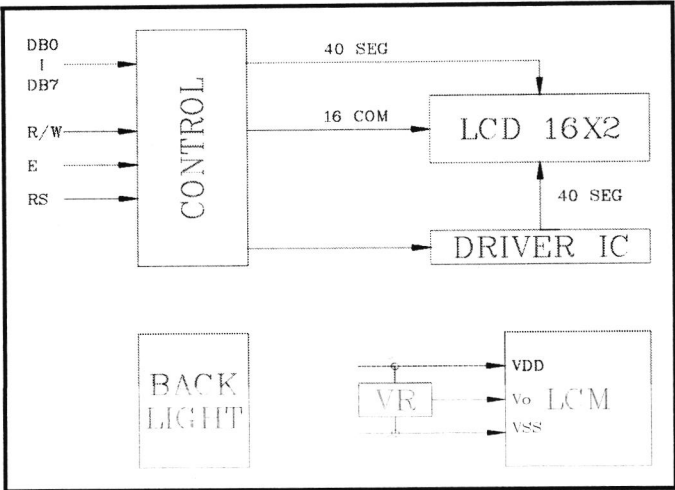
3. Interface Pin Connections

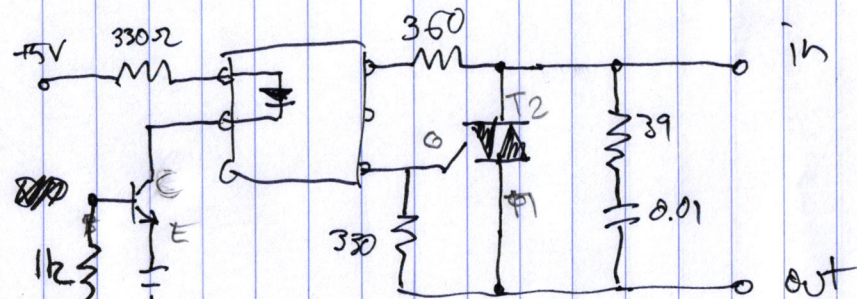
NO	SYMBOL	LEVEL	FUNCTION
1	VDD	--	DC +5V
2	VSS	--	GND (0V)
3	VO	H/L	Contrast Adjust
4	RS	H/L	Register select
5	R/W	H/L	Read/Write
6	E	H,H→L	Enable signal
7	DB0	H/L	Data Bit 0
8	DB1	H/L	Data Bit 1
9	DB2	H/L	Data Bit 2
10	DB3	H/L	Data Bit 3
11	DB4	H/L	Data Bit 4
12	DB5	H/L	Data Bit 5
13	DB6	H/L	Data Bit 6
14	DB7	H/L	Data Bit 7
	A+ (EL1)	--	A (EL Backlight 1)
	K- (EL2)	--	K (EL Backlight 2)

red
brown
black
white
grey
purple

 blue
green
yellow
orange
red
brown

4. Block Diagram





D

T1 T2 C