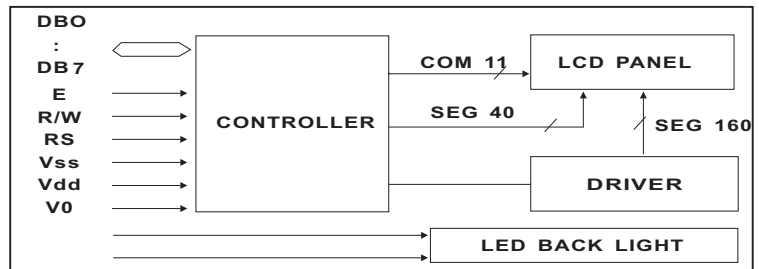
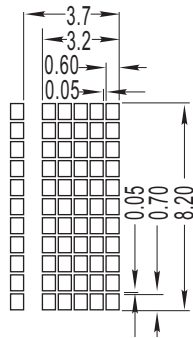


ITEM	T1	T2
LED backlight	9.3	14.0
EL / without backlight	5.4	11.0



FEATURE

1. 5X11 dots with cursor
2. Built-in controller (SPLC780D or Equivalent)
3. +5V power supply (Also available for +3.0V)
4. 1/11 duty cycle
5. BKL to be driven by pin1, pin2, or pin15, pin16
6. N.V. Optional

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY (LOGIC)	Vdd	-0.3	7.0	V
POWER SUPPLY (LCD)	V0	Vdd-13.5	Vdd+0.3	V
INPUT VOLTAGE	Vin	-0.3	Vdd+0.3	V

PIN ASSIGNMENT

PIN	SYMBOL	FUNCTION
1	Vss	GND
2	Vdd	Power Supply
3	V0	Contrast Adjust
4	RS	Register Select Signal
5	R/W	Data Read/Write
6	E	Enable Signal
7-14	DB0-DB7	Data Bus Line
15	LED+	Power supply for BKL(+)
16	LED-	Power supply for BKL(-)

MECHANICAL SPECIFICATIONS

CHARACTER NUMBER	40W X 1H	—
OVERALL SIZE	182.00W X 33.50H	mm
VIEWING AREA	152.50W X 16.50H	mm
HOLE - HOLE	175.00W X 26.50H	mm
CHARACTER SIZE	3.20W X 8.20H	mm
CHARACTER PITCH	0.50W	mm
DOT SIZE	0.60W X 0.70H	mm
DOT PITCH	0.05W X 0.05H	mm

ELECTRONICAL CHARACTERISTICS

ITEM	SYMBOL	CONDITION	STANDARD			UNIT	
			MIN	TYP	MAX		
Input voltage	Vdd	+5V	4.7	5.0	5.5	V	
		+3.3V	2.7	3.0	3.3	V	
Supply current	Idd	Vdd=5V	---	3.0	5.0	mA	
		Recommended LCD driving voltage for normal temp version module	0 °C	4.7	5.0	5.5	V
			25 °C	4.3	4.5	4.7	
		50 °C	4.1	4.3	4.5		
LED forward voltage	V _F	25 °C	---	4.2	4.6	V	
LED forward current	I _F	25 °C	---	300	---	mA	
EL power supply current	EL	AC 400Hz V _{EL} =110V	----	---	---	mA	

DISPLAY CHARACTER ADDRESS CODE

Display position	1 2 3 4 5 6 -- -- -- --	40
DDRAM address	00 01 02 -- -- -- --	27