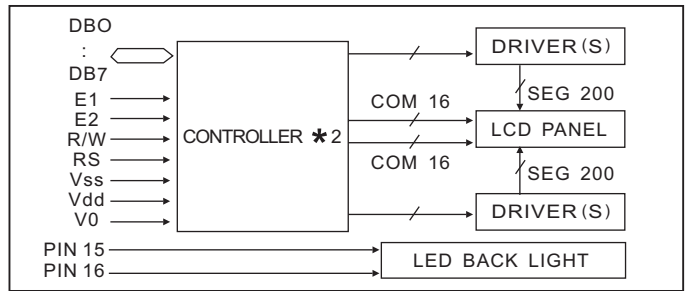
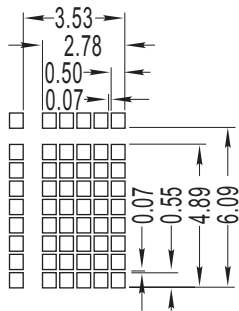


ITEM	T1	T2
LED backlight	8.9	13.0
EL / without backlight	5.4	9.5



FEATURE

1. 5X8 dots with cursor
2. Built-in controller (SPLC780D or Equivalent)
3. +5V power supply
4. 1/16 duty cycle
5. BKL to be driven by pinA,pinK
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 to 8	DB7 TO DB0	H/L Data bus line
9	E1	Chip enable signal
10	R/W	H/L Read/write
11	RS	Register Select
12	V0	Contrast Adjust
13	Vss	GND
14	Vdd	Power Supply
15	E2	Chip enable signal
16	NC	No Connection

MECHANICAL SPECIFICATIONS

CHARACTER NUMBER	40W X 4H	—
OVERALL SIZE	190.00W X 54.00H	mm
VIEWING AREA	147.00W X 29.50H	mm
HOLE - HOLE	183.00W X 47.00H	mm
CHARACTER SIZE	2.78W X 4.89H	mm
CHARACTER PITCH	0.75W X 1.20H	mm
DOT SIZE	0.50W X 0.55H	mm
DOT PITCH	0.07W X 0.07H	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	---	3.5	4.0	mA
Recommended LCD driving voltage for normal temp version module	Vdd-V0	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
DDRAM address	40 41 42 -- -- -- --	67
DDRAM address	00 01 02 -- -- -- --	27
DDRAM address	40 41 42 -- -- -- --	67