FORDATA ELECTRONIC CO.,LTD
PROFESSIONAL LCD SUPPLIER FROM CHINA

FDCC0802B

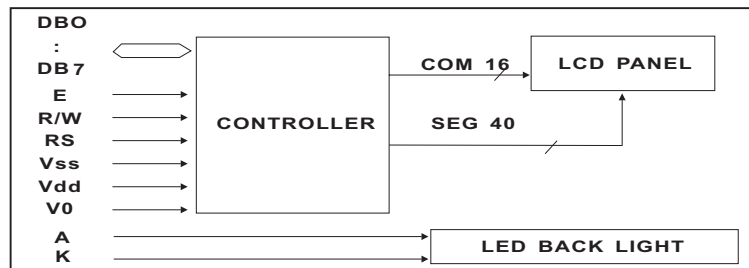| ITEM	T1	T2
LED backlight	9.2	13.5
EL / without backlight	5.2	9.5

FEATURE

1. 5X8 dots with cursor
2. Built- in controller (SPLC780D or Equivalent)
3. +5V power supply (Also available for +3.0V)
4. 1/16 duty cycle
5. BKL to be driven by pin1,pin2 or A,K
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
A	LED+	Power supply for BKL(+)
K	LED-	Power supply for BKL(-)

MECHANICAL SPECIFICATIONS

CHARACTER NUMBER	8W X 2H	——
OVERALL SIZE	58.00W X 32.00H	mm
VIEWING AREA	38.00W X 16.00H	mm
HOLE - HOLE	53.00WX27.00H	mm
CHARACTER SIZE	2.96W X 5.56H	mm
CHARACTER PITCH	0.59WX0.36H	mm
DOT SIZE	0.56W X 0.66H	mm
DOT PITCH	0.04W X 0.04H	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	---	1.3	2.5	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	VF	25 °C	---	4.2	4.6	V
LED forward current	IF	25 °C	---	70	---	mA
EL power supply current	EL	AC 400Hz VEL =110V	----	---	---	mA

DISPLAY CHARACTER ADDRESS CODE

Display position	1 2 3 4 5 6 7 8
DDRAM address	00 01 02 -- -- -- 07
DDRAM address	40 41 42 -- -- -- 47