HIGH	COLOUR	H1	H2
LED BACKLIGHT	Yellow-Green	14	9.5
LED BACKLIGHT	White	11.6	7.5

FEATURE

FEATURE
1. 5 x 8 dots with cursor
2. Display format: 16 characters x 2 lines
3. LCD type: FSTN/STN /TN
4. LCD controller: S6A0069
5. LCD colour: Blue/Gray/Yellow-Green

MECHANICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS		
CHARACTER NUMBER	16 x 2	---
OVERALL SIZE	85 x 29.5	mm
VIEWING AREA	64.5 x 16.5	mm
HOLE-HOLE	82 x 26.2	mm
DOT SIZE	0.56 x 0.61	mm
DOT PITCH	0.61 x 0.66	mm

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN	MAX	UNIT
Power suply(logic)	V_{dd}	-0.3	5.5	V
Power suply(lcd)	V_{LCD}	0	4.9	V
Input voltage	V_{in}	-0.3	VDD	V

Pin Assignment

Pin no	symbol	Function
1	Vss	Ground
2	Vdd	Power Supply for LCM(+)
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
15	A	Power supply for LED BL(+)
16	K	Power supply for LED BL(-)

ELECTRONICAL CHARACTERISTICS

ITEM	SYMBOL	CONDITION	STANDARD			UNIT
			MIN	TYP	MAX	
Power supply voltage for circuit	$V_{DD}-V_{ss}$	-------	4.75	5	5.25	V
Power supply voltage for LCD drive	VDD-V0	------	-------	4.7	------	V
LCD display duty ratio	DUTY	------	-----	1/16	-----	----
LED BACKLIGHT	Ifp	1 mseo plus 10% Dutg	-----	-----	-----	mA
		Operating voltage	------	4.1(YG)	------	V
		Forward current		-----		mA
LED Lifetime	--------	VFL=4.0Vrms	----	100000	-------	Hr
Power supply LCD current	IEE	VDD-VO= 4.7 V	----	-----	----	mA

DISPLAY CHARACTER ADDRESS CODE

Display position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
Address line1:	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F					
Address line2:	40	41	42	43	44	45	46	47	48	49	4A	4B	BC	4D	4E	4F					