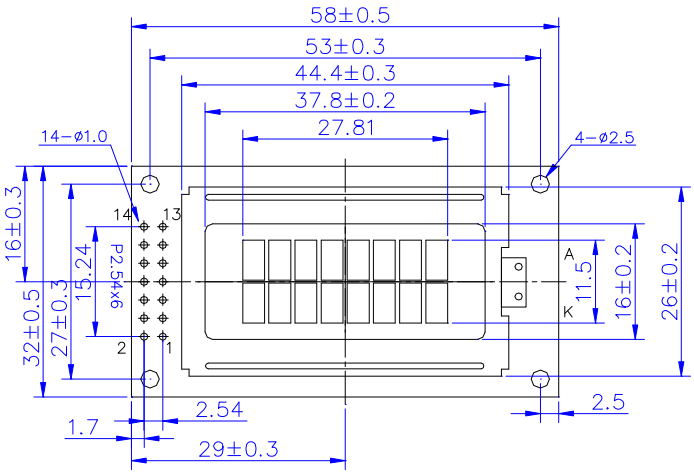
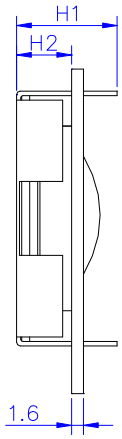
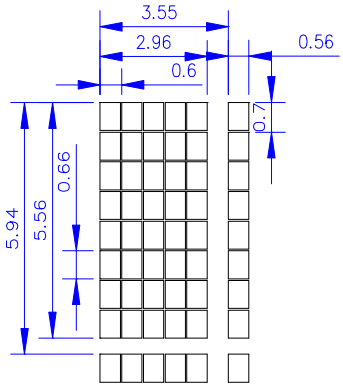
WINCOM TECH CO.,LTD

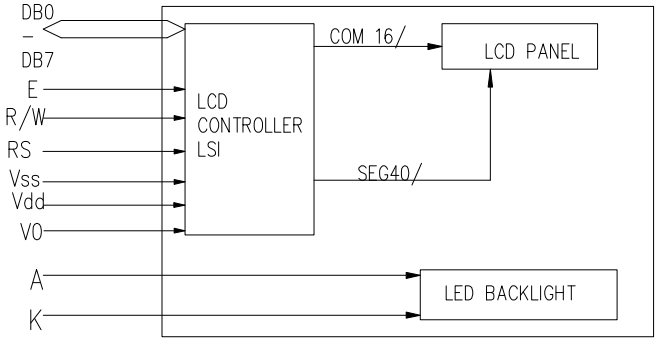
WC0802C







HIGH	COLOUR	H1	H2
LED BACKLIGHT	Yellow-Green	13	9.1
LED BACKLIGHT	White	--	--



FEATURE

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

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN	MAX	UNIT
Power suply(logic)	Vdd	-0. 3	5. 5	V
Power suply(lcd)	VLCD	0	4. 9	V
Input voltage	Vin	-0.3V	VDD+0.3V	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(-)

MECHANICAL SPECIFICATIONS

CHARACTER NUMBER	8 x 2	---
OVERALL SIZE	58 x 32	mm
VIEWING AREA	37.8 x 16	mm
HOLE-HOLE	53 x 27	mm
DOT SIZE	0.66 x 0.56	mm
DOT PITCH	0.7 x 0.6	mm

ELECTRONICAL CHARACTERISTICS

ITEM	SYMBOL	CONDITION	STANDARD			UNIT
			MIN	TYP	MAX	
Power supply voltage for circuit	VDD-VSS	-------	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	I mseo plus 10% Dutg	-----	-----	-----	mA
		Operating voltage	------	4.1(YG) 3.1(W)	------	V
		Forward current		50mA(YG)		mA
LED Lifetime	--------	VFL=4.1Vrms	----	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
Address line1:	00	01	02	03	04	05	06	07
Address line2:	40	41	42	43	44	45	46	47