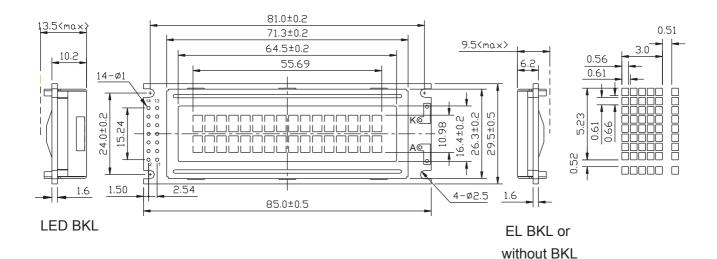
XIAMEN OCULAR



Outline Dimension



Feature

- 1. 5X8 dots with cursor
- 2. Built-in controller (KS0066U 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 or A,K
- 6. N.V.optional

Interface pin connections

PIN NO	Symbol	Function					
1	VDD	Power supply					
2	VSS	Power supply					
3	V0	Contrast adjustment					
4	RS	H/L Register select signal					
5	R/W	H/L Read/Write signal					
6	E	H/L Enable signal					
7	DB0	H/L Data bus line					
8	DB1	H/L Data bus line					
9	DB2	H/L Data bus line					
10	DB3	H/L Data bus line					
11	DB4	H/L Data bus line					
12	DB5	H/L Data bus line					
13	DB6	H/L Data bus line					
14	DB7	H/L Data bus line					
15	Α	+4.2V for BKL					
16	K	Power supply for BKL(0V)					

Mechanical Data

Item	Standard	Unit		
Module dimension	85.0x29.5	mm		
Viewing area	64.5x16.4	mm		
Dot size	0.56x0.61	mm		
Character size	3.00x5.23	mm		

Absolute Maximum Rating

ltom	Cumphal		Unit			
Item	Symbol	Min	Тур	Max	Offic	
Power supply	VDD-VSS	-0.3		5.5	V	
Input voltage	VI	-0.3		VDD	·	

Electronical characteristics

Itam	Cumbal	Condition	,	Unit					
Item	Symbol	Condition	Min	Тур	Max	Oill			
, , "	1/00	+5V	4.7	4.7 5.0		V			
Input voltage	VDD	+3.3V	2.7	7 3.0 5.3		V			
Supply current	IDD	VDD=5V		1.5	4	mA			
		-20°C							
Recommended LCD driving voltage	VDD-V0	0 °C	4.7	5.0	5.5	٧			
for normal temp		25°C	4.3	4.5	4.7				
version module		50°C	4.1	4.3	4.5				
		70°C							
LED forward voltage	VF	25°C		4.2	4.6	V			
LED forward current	IF	25°C		120		mA			
EL power supply current	IEL	V _{EL} =110V AC 400Hz				mA			

Display character address code:

Display position

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DDRAM address	00	01	02		-			-								0FH
DDRAM address	40	41	42		-			-								4FH