





PIN NO.	SYMBOL	FUNCTION
1	DB7	Data bus
2	DB6	
3	DB5	
4	DB4	
5	DB3	
6	DB2	
7	DB1	
8	DB0	
9	E1	Enable trigger
10	R/W	H:Read L:Write
11	RS	H:Data L:Instruction Code
12	VEE	Negative voltage Supply for LCD
13	VSS	Power ground
14	VCC	Power positive
15	E2	Enable trigger
16	NC	NO Connect
17	LED_A	BACKLIGHT ANODE
18	LED_K	BACKLIGHT CATHODE



1.General specification

Display mode : 40 Characters x 4 lines COB LCD Module
Interface : 8-bit parallel
Driving method : 1/16 duty , 1/5 bias

2.Electrical specification

Supply voltage for logic(VDD) : 5.0V
Input voltage for LCD (VLCD) : 4.7V

3.Mechanical specification

Dot size[mm] : 0.5(L)x0.55(W)
Dot pitch[mm] : 0.57(L)x0.62(W)
Viewing area[mm] : 147.0(L)x29.5(W)
Module dimension[mm] : 190.0(L)x54.0(W)x15.0MAX.(H)

4.Backlight specification

Backlight type : Array/Side-lited LED backlight
Backlight color : YELLOW GREEN/WHITE/BLUE
Backlight voltage : 4.2V