

Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller ST7066 or equivalent
4. +5V single power supply
5. 1/16 duty cycle
6. LED B/L pins: 1/2
7. Option: array LED B/L
8. No Negative Voltage Option



Mechanical Data

Item	Standard Value	Unit
Module Dimension	40.0 x 20.0	mm
View Area	36.3 x 13.9	mm
Dot Size	0.60 x 0.60	mm
Dot Pitch	3.12 x 5.01	mm

Pin Assignment

Pin	Symbol	Function
1	Vss	Ground
2	Vdd	+ 5V
3	Vo	Contrast adjustment
4	RS	H/L register select signal
5	R/W	H/L read/write signal
6	E	H--> L enable signal
7~14	DB0~7	H/L data bus line

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	VDD	VDD=+5V	5.0	V
Supply Current	IDD	VDD=+5V	1.5	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.4	V
LED Forward Voltage(Y-G)	VF	25°C	4.0	V
LED Forward Current	IF	25°C	100	mA

Dimension

