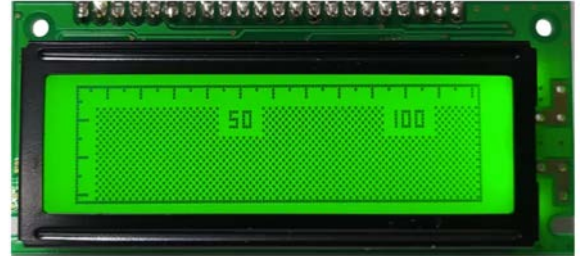


Feature

1. COB with metal frame
2. No built-in oscillation, requiring external clock
3. Built-in controller SBN1661G-M02 or equivalent
4. 1/32 duty cycle
5. +5V single power supply
6. LED RGB Backlight

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
View Area	61.3 x 18.0	mm
Dot Size	0.40 x 0.45	mm
Dot Pitch	0.45 x 0.49	mm



Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	5V
3	Vo	Contrast adjustment
4	Ao	H --> Data L --> Instruction
5	/CS1	L --> Chip1 enable
6	/CS2	L --> Chip2 enable
7	CL	External clock 2KHZ
8	RD/E	RD for 80 series; / E for 68 series
9	WR,R/W	WR for 80 series; / R/W for 68 series
10~17	DB0~7	Data bus line
18	RES	Reset signal
19	A	Power supply for B/L(+)
20	K(R)	Power supply for B/L(GND)
21	K(G)	Power supply for B/L(GND)
22	K(B)	Power supply for B/L(GND)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd=+5V	5.0	V
Supply Current	Idd	Vdd=+5V	1.0	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.8	V

Dimension

