

BG16080C



Feature

1. SMT PCB with metal frame
2. NO Built-in controller
3. +5V single power supply, with built-in negative voltage
4. 1/80 duty cycle
5. Option: LED B/L



Mechanical Data

Item	Standard Value	Unit
Module Dimension	110.5 x 73.0	mm
Viewing Area	77.5 x 54.0	mm
Dot Size	0.40 x 0.55	mm
Dot Pitch	0.44 x 0.59	mm

Pin Assignment

Pin	Symbol	Function
1	DB0	Display data bit0
2	DB1	Display data bit1
3	DB2	Display data bit2
4	DB3	Display data bit3
5	/DISPOFF	"L"-Display off
6	FRAME	Scan start - up signal
7	LED -	LED -
8	LOAD	Data Latch Pulse
9	CP	Data Shift Pulse
10	VDD	Power supply for Logic
11	VSS	Power supply for Logic GND
12	VEE	Negative Voltage Output
13	V0	Contrast adjust
14	Vss	Ground
15	LED+	LED+

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	20	mA
LCD Driving Voltage	Vdd-Vo	25°C	12	V
LED Forward Voltage	Vf	25°C	3.2	V
LED Forward Current	If	25°C	50	mA

Dimension

