



BG160160B

Feature

1. SMT PCB with metal frame
2. Built-in controller LC7981
3. 1/160 duty cycle
4. +5V single power supply
5. Option: LED, EL B/L
6. Option: negative voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	85.0 x 100.0	mm
Viewing Area	62.0 x 62.0	mm
Dot Size	0.34 x 0.34	mm
Dot Pitch	0.38 x 0.38	mm



Pin Assignment

Pin	Symbol	Function
1	FGND	Frame ground
2	Vss	Power supply(GND)
3	Vdd	Power supply (+5V)
4	Vo	Contrast adjustment
5	R/W	Data read/write
6	E	Enable signal
7	/CS	Chip select
8	RS	Data instruction select
9	NC	No connection
10	/RST	Reset signal
11~18	DB0-7	Data bus line
19	NC	No connection
20	NC/Vee	NC/negative voltage output

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	17.0	V
LED Forward Voltage	Vf	25°C	4.2	V
LED Forward Current	If	25°C	500	mA

Dimension

