BOLYMIN

BG160160A



Feature

1. SMT PCB with metal frame
2. No built-in controller (recommending SED1335)
3. +5V single power supply
4. 1/160 duty cycle
5. 4-Bit parallel
6. Option: negative voltage
7. Option: LED, EL B/L

Mechanical Data

Item	Standard Value	Unit
Module Dimension	89.2 x 85.0	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	Vss	Power supply (GND)
2	M	Control signal for AC driving
3	FLM	Signal for each display cycle
4	CL1	Display data latch
5	CL2	Display data shift
6~9	DB3-0	Data bus line
10	Vee	Negative voltage output
11	Vdd	Power supply (+5V)
12	Vo	Contrast adjustment
13	/DISPOFF	L: display off
14	A	Power supply for B/L (+)
15	K	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	1.5	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

