

PB69 Series 10.1mm Square Light Bar

Features

- *Light Bar with 4 InGaN Ultra Bright Blue Chips
- *Integrated Zener Diode for better ESD protection
- *Uniform Light Output
- *IC Compatible
- *White Diffused Surface
- *White Housing
- *RoHS Compliant

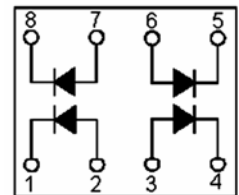
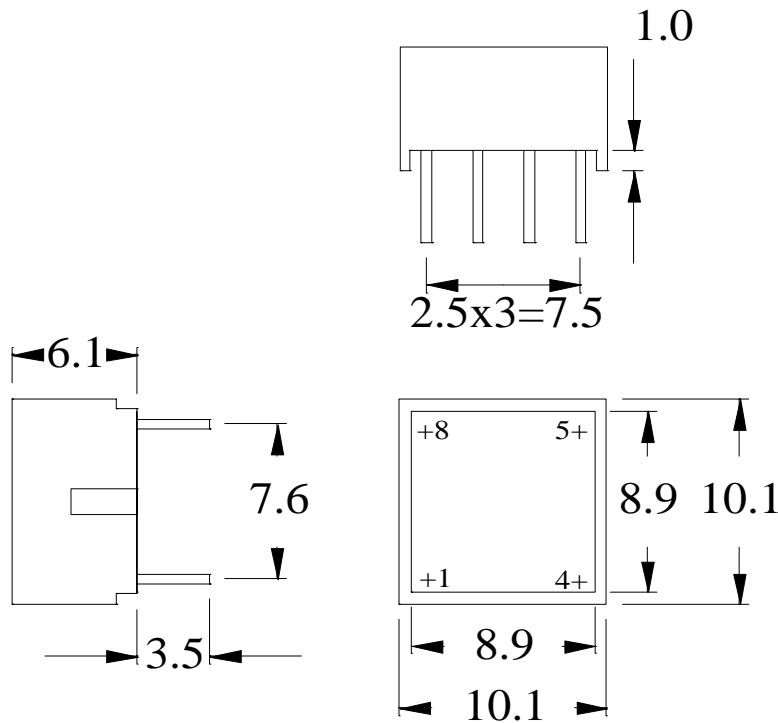
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	480mW
Reverse Voltage (<100 μ A).....	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range.....	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Soldering Temp.....	260 $^\circ\text{C}$ for 5 seconds
Electrostatic Discharge (ESD).....	6000V

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
PB69-LBRB20Z	Blue	InGaN	—	465	3.2	4.0	30.0	66.0

Package Dimension are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.



Pin Functions	
Pin #	Pin #
2 Anode	1 Cathode
3 Anode	4 Cathode
6 Anode	5 Cathode
7 Anode	8 Cathode