



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

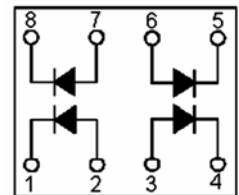
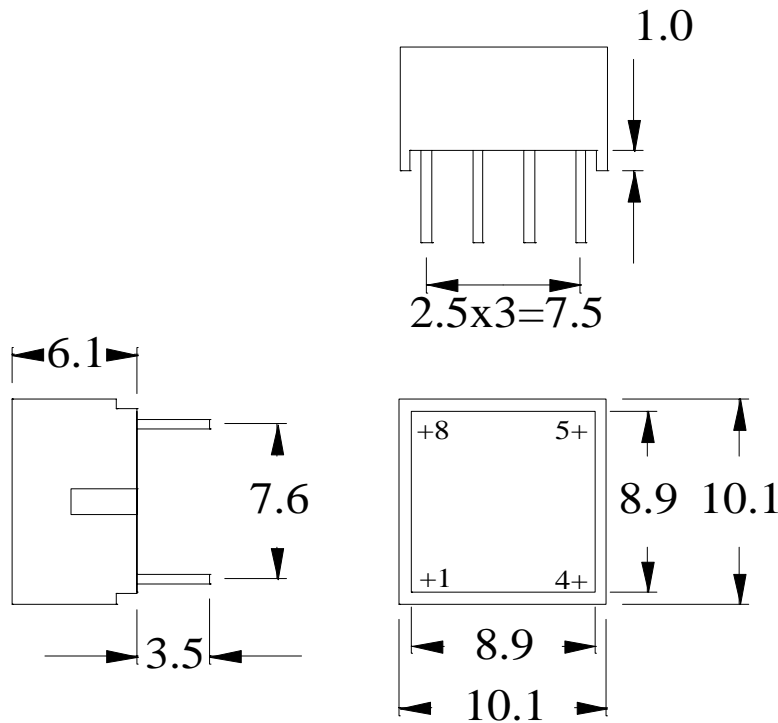
Absolute Maximum Ratings at T_A = 25°C

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

Electrical & Optical Characteristics at T_A = 25°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 ± 0.25mm unless otherwise specified.



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