P-tec Corp.
2405 Commerce Circle
Alamosa Co. 81101
www.p-tec.net

Tel:(800)688-0613
Tel:(719) 589 3122
Fax:(719) 589 3592
sales@p-tec.net

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

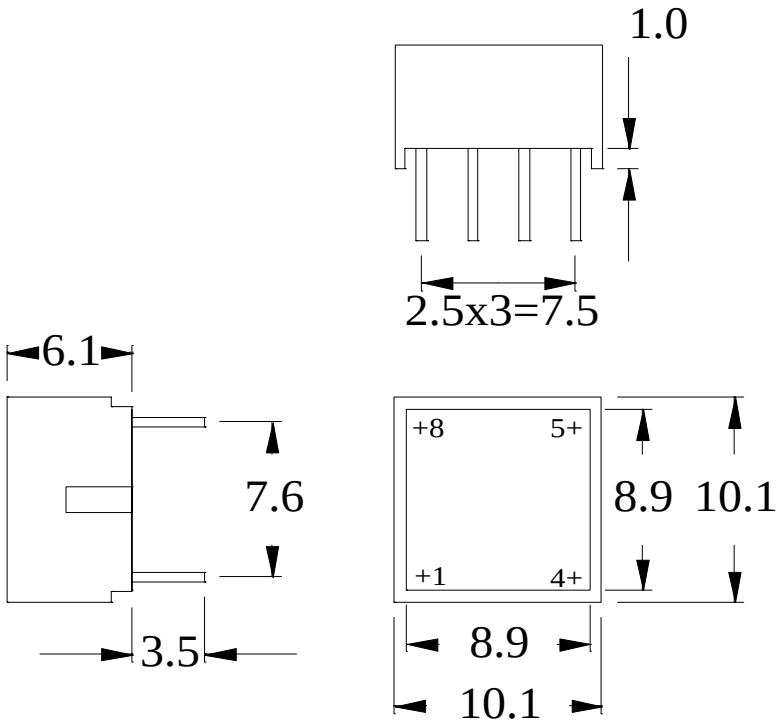
Absolute Maximum Ratings at T_A = 25°C

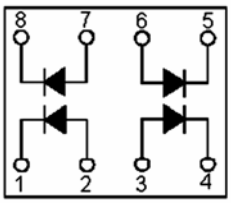
Power Dissipation	480mW
Reverse Voltage (<100μA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-25°C to +85°C
Storage Temperature Range	-40°C to +100°C
Soldering Temp	260°C for 5 seconds
Electrostatic Discharge (ESD)	6000V

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)	
			nm	nm	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