

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



PB71 Series 13.97 x 7.49mm Rectangular Light Bar

Features

- *Light Bar with 2 AlGaAs Super Bright Red Chips
- *Uniform Light Output
- *IC Compatible
- *Red Diffused Surface
- *White Housing
- *RoHS Compliant

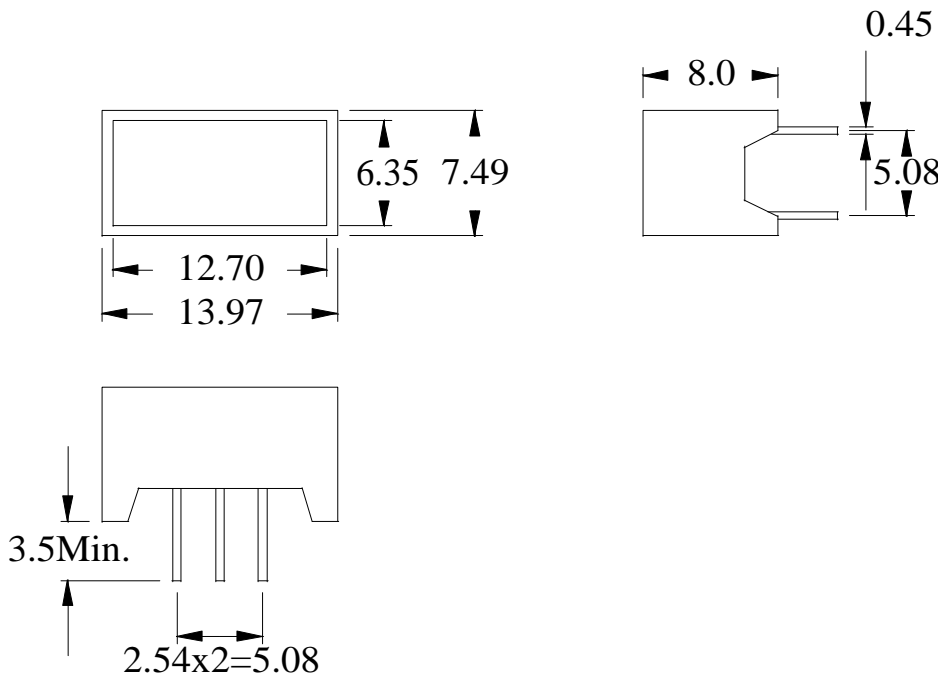
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation	132mW
Reverse Voltage (<math><100\mu\text{A}</math>).....	4.0V
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

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

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
PB71-LBRR21	Deep Red	AlGaAs	643	660	1.8	2.2	9.0	20.0

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



Pin Functions	
Pin #	Pin #
3 Anode	1 Cathode
5 No Connection	2 No Pin
6 Anode	4 Cathode