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

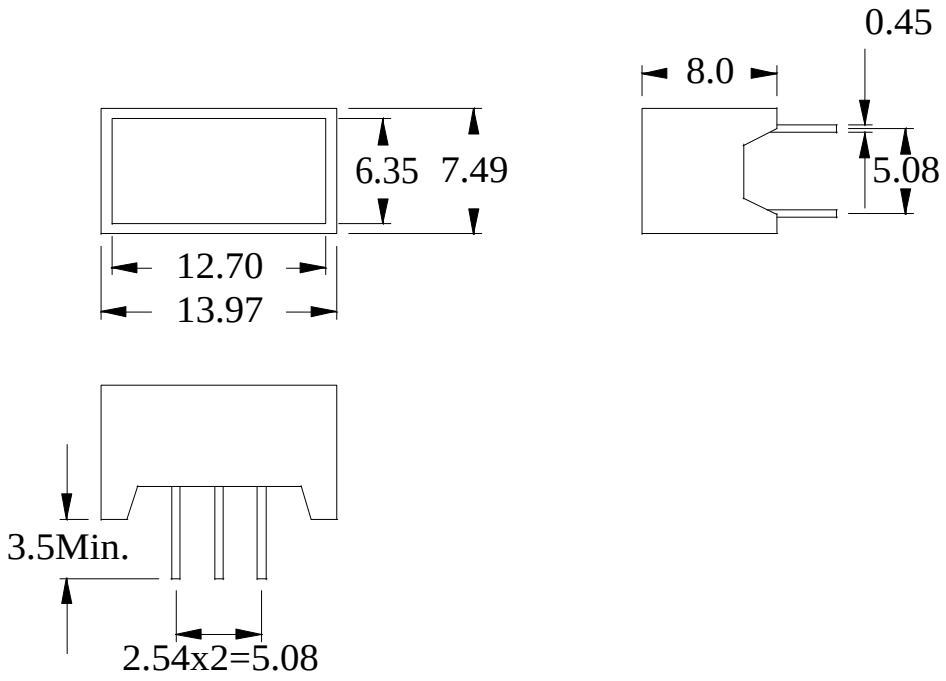
Absolute Maximum Ratings at T_A = 25 °C

Power Dissipation	132mW
Reverse Voltage (<100μA)	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 °C

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			nm	nm	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 ± 0.25mm unless otherwise specified.



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