

P-tec Corp. Tel:(800)688-0613
 2405 Commerce Circle Tel:(719) 589 3122
 Alamosa Co. 81101 Fax:(719) 589 3592
 www.p-tec.net sales@p-tec.net



PB71 Series 13.97 x 7.49mm Rectangular Light Bar

Features

- *Light Bar with 2 GaP Green Chips
- *Uniform Light Output
- *IC Compatible
- *Green Diffused Surface
- *White Housing
- *RoHS Compliant

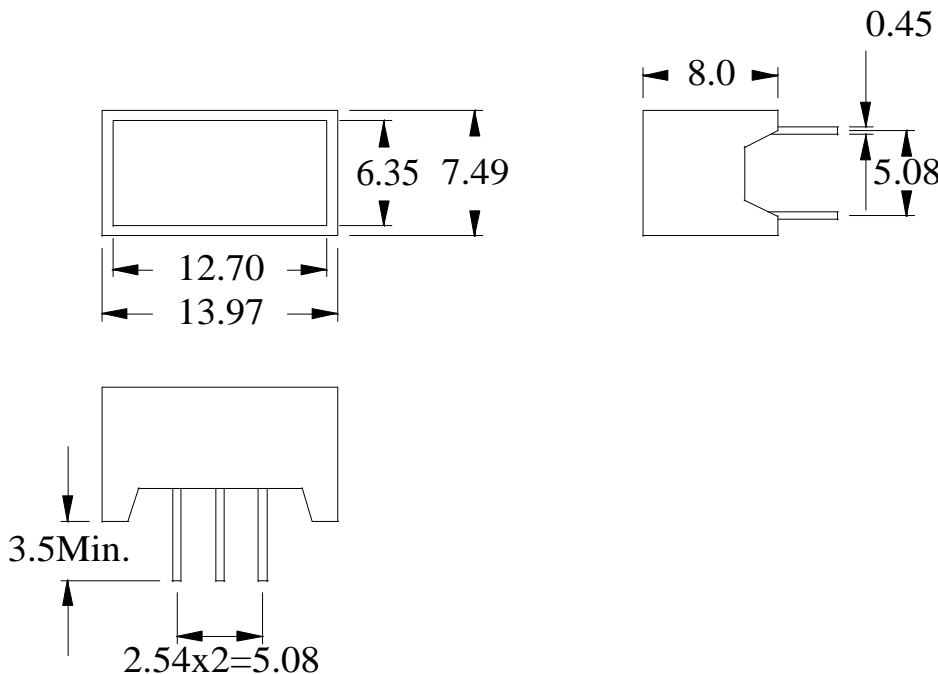
Absolute Maximum Ratings at T_A = 25 °C

Power Dissipation	156mW
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

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)	
					Typ	Max	Min	Typ
PB71-LBRG13	Green	GaP/GaP	572	567	2.1	2.6	6.0	11.0

Package Dimension are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.



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