

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 GaAsP Yellow Chips
- *Uniform Light Output
- *IC Compatible
- *Yellow Diffused Surface
- *White Housing
- *RoHS Compliant

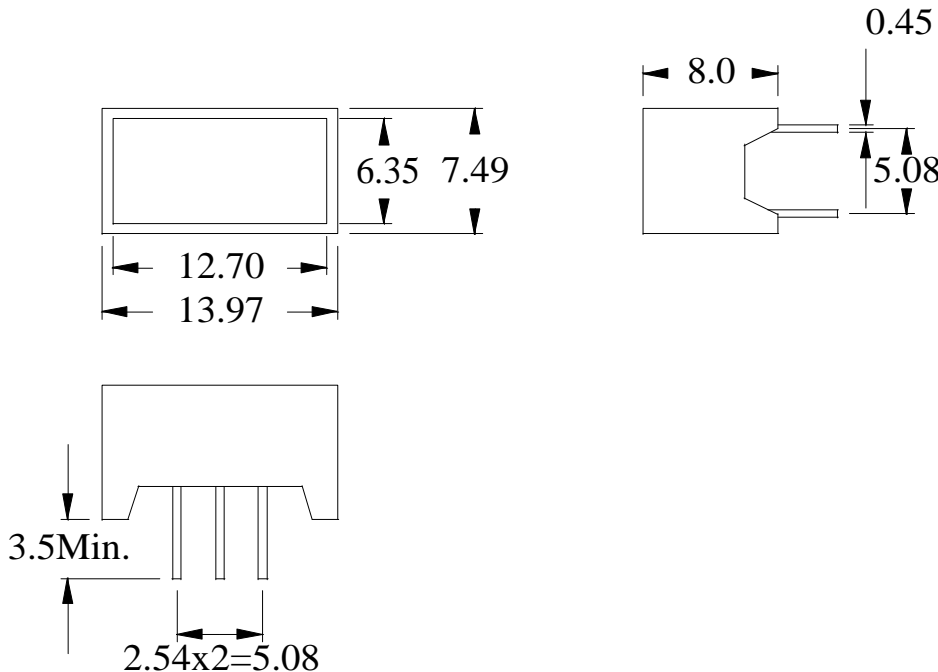
Absolute Maximum Ratings at T_A = 25 °C

| | |
|--|---------------------|
| 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-LBRY01 | Yellow | GaAsP/GaP | 590 | 585 | 2.1 | 2.6 | 5.0 | 10.0 |

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 |