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P-TEC

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

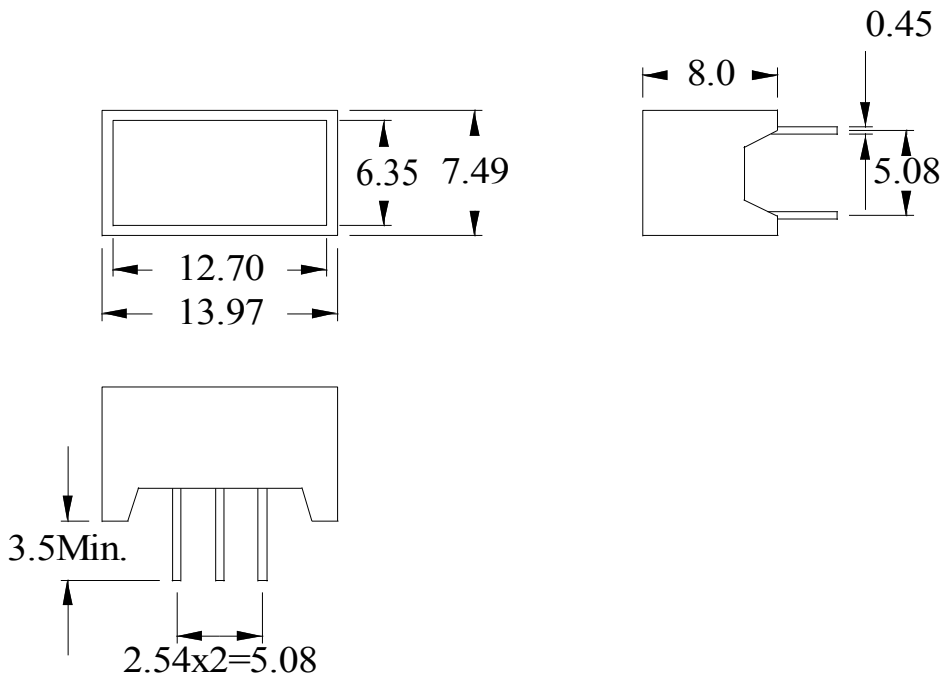
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation	156mW
Reverse Voltage (<100 μ A).....	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range... ..	-25 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range.....	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Soldering Temp.....	260 $^\circ\text{C}$ 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-LBRY01	Yellow	GaAsP/GaP	590	585	2.1	2.6	5.0	10.0

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