



PB95 Series 21 x 13mm Light Bar

Features

- *Light Bar with 6 AlGaAs Super Bright Red Chips
- *Uniform Light Output
- *IC Compatible
- *Red Diffused Surface
- *White Housing
- *RoHS Compliant

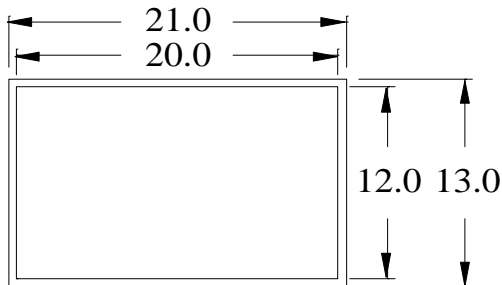
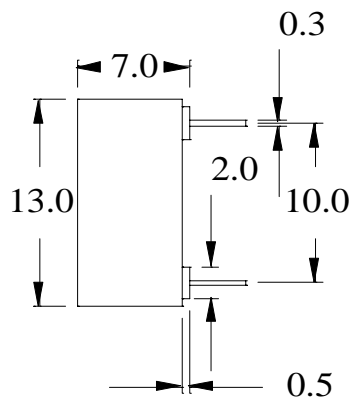
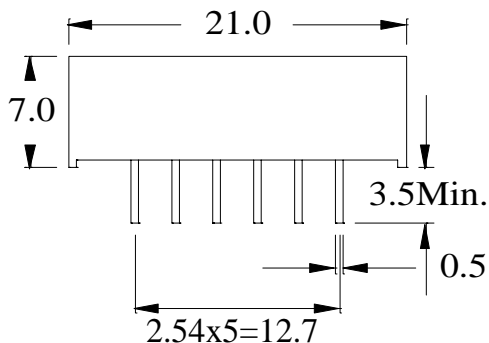
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	396mW
Reverse Voltage (<math><100\mu\text{A}</math>).....	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range... ..	-25°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
Soldering Temp.....	260°C for 5 seconds

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

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
PB95-LBRR21	Deep Red	AlGaAs	660	643	1.8	2.2	10.0	25.0

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



Pin Functions	
Pin #	Pin #
2 Anode	1 Cathode
4 Anode	3 Cathode
6 Anode	5 Cathode
8 Anode	7 Cathode
10 Anode	9 Cathode
12 Anode	11 Cathode