



## PB66 5 Segment Rectangular Bar Graph Array

### Features

- \*Popular Industry Standard Bar Graph Array with 5 Segments
- \*5 AlGaAs Super Bright Red LED Chips used
- \*Gray Face, White Segments
- \*High Light Output
- \*IC Compatible
- \*RoHS Compliant

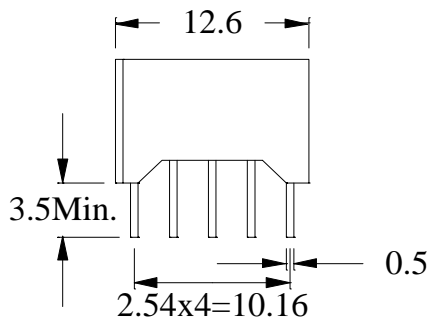
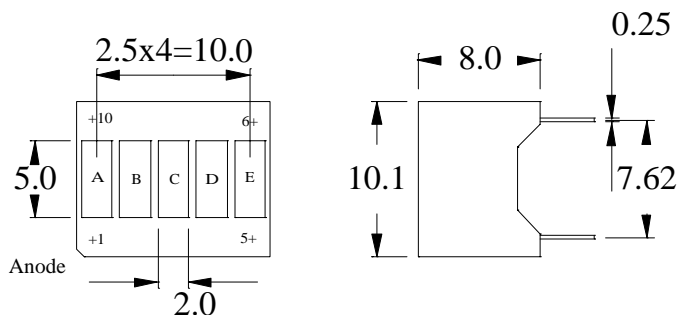
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	66mW
Reverse Voltage (<100 $\mu\text{A}$ ).....	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 Temperature.....	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 nm	Peak Wave Length nm	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
PB66-BGA5R21	Deep Red	AlGaAs	643	660	1.8	2.2	15.0	35.0

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



Pin Functions	
Pin #	
1 Anode A	11 Cathode J
2 Anode B	12 Cathode I
3 Anode C	13 Cathode H
4 Anode D	14 Cathode G
5 Anode E	15 Cathode F