

## 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

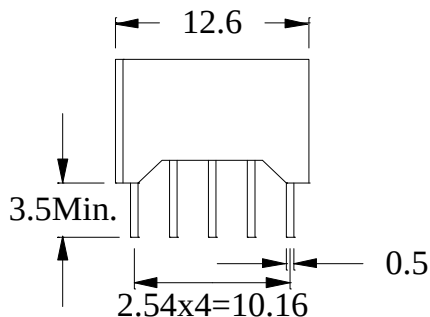
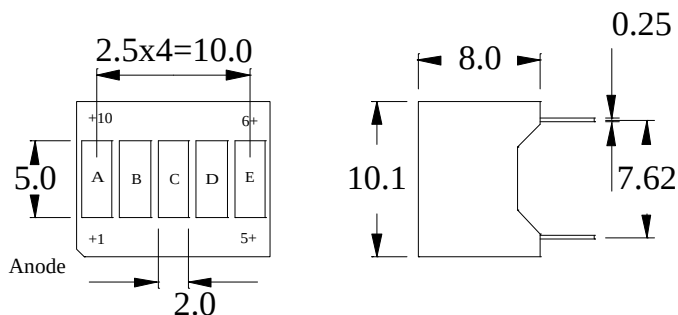
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

|                                                                |                     |
|----------------------------------------------------------------|---------------------|
| Power Dissipation.....                                         | 66mW                |
| Reverse Voltage (<100 $\mu$ A).....                            | 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 Temperature.....                                     | 260°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  |
| 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 |