

PB65 Series 10 LED Rectangular Bar Graph Array Bi-Color

Features

- *Popular Industry Standard 10 LED Bar Graph Array
- *Gray Face, White Segments
- *Uniform Light Output
- *IC Compatible
- *RoHS Compliant

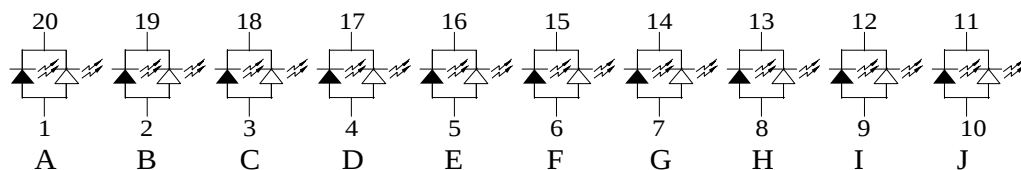
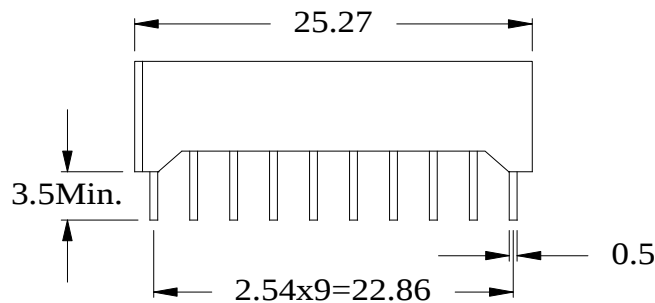
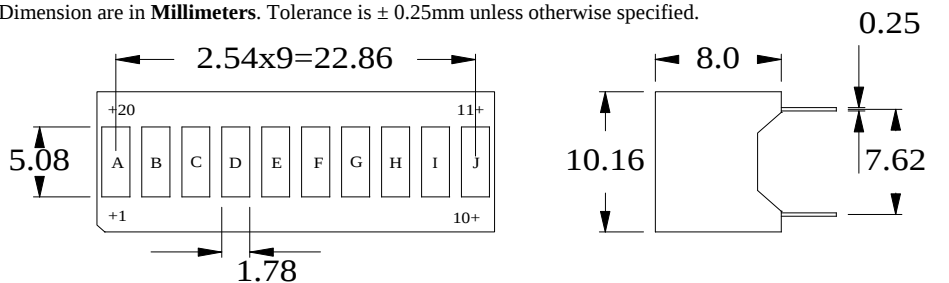
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	78mW
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°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Soldering Temp.....	260°C for 5 seconds

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

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @10mA (mcd)	
					Typ	Max	Min	Typ
PB65-BGA10RG1213	Hi-Eff Red Green	GaAsP GaP	626 572	635 567	2.1	2.6	3.7 2.5	8.0 6.0

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
6 Anode F	16 Cathode E
7 Anode G	17 Cathode D
8 Anode H	18 Cathode C
9 Anode I	19 Cathode B
10 Anode J	20 Cathode A