

# VBI Series PC Board Mount LED Bar\* — RoHS Compliant

\*Patented

## Special Features

- Mount series of LEDs with single-in-line leads
- Customized to your specifications without tooling charges
  - Center to Center LED spacing in .050" increments or built to your specifications
  - Minimum spacing .150"
  - Maximum bar length 3"
  - Color combinations available at no extra cost
  - Assembly heights built to your specifications
- Any size, color or type LED can be used—bar accommodates 2 leaded and 3 leaded LEDs
- Bar provides consistent LED alignment and one-step PC Board mounting
- Bottom standoff facilitates board washing
- Wave solderable and chemically cleanable—bar material UL 94V-0 rated
- Polarity identification on bar
- Custom offset or right angle bends without tooling charges



PC Board Mount LEDs

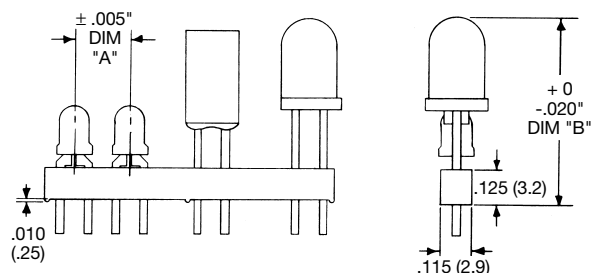
## Electrical and Optical Characteristics (T<sub>A</sub>=25°C)

LED Part#	Color	Luminous Intensity (mcd) Typ.@I <sub>F</sub> (mA)	V <sub>F</sub> Typ.@I <sub>F</sub> (mA)	Viewing Angle 2Θ 1.2	Peak Wavelength (nm)	More LED Data Page#		
<b>HIGH EFFICIENCY T1 (3mm)</b>								
1300	Yellow	6.0	10	2.0	10	60°	583	21
1301	Red	5.5	10	1.9	10	60°	635	21
1302	Green	5.0	10	2.1	10	60°	565	21
1313	Orange	5.5	10	1.9	10	60°	600	21
<b>HIGH EFFICIENCY T1 3/4 (5mm)</b>								
3008	Red	7.0	10	1.9	10	60°	635	24
3019	Green	14.0	10	2.1	10	60°	565	24
3020	Yellow	8.0	10	2.0	10	60°	583	24
3022	Orange	7.0	10	1.9	10	60°	600	24
<b>HIGH EFFICIENCY 2mm x 5mm RECTANGULAR</b>								
0800	Red	7.5	20	1.9	20	110°	635	28
0801	Yellow	4.0	20	2.1	20	110°	583	28
0802	Green	8.0	20	2.2	20	110°	565	28
0803	Orange	7.5	20	1.9	20	110°	600	28

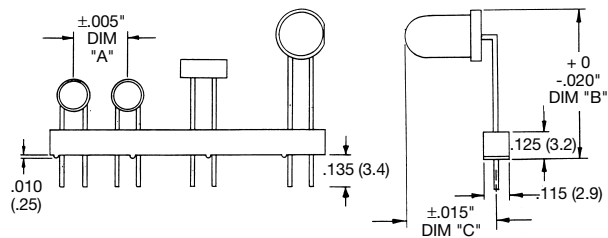
NOTE: All LEDs listed in this catalog can be assembled on the VBI Bar.

## Package Dimensions

### Standard VBI Bar—Vertical LEDs

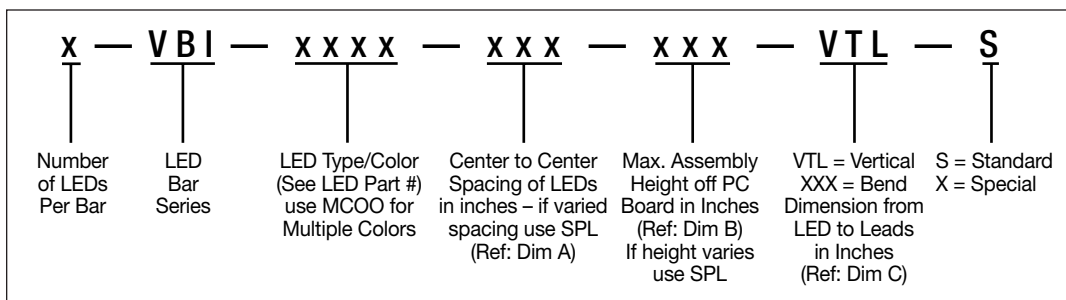


### Special VBI Bar—Right Angle LEDs



All Dimensions are in inches (mm)

## How To Order



WILBRECHT  
ELECTRONICS, INC.

LED  
DIVISION