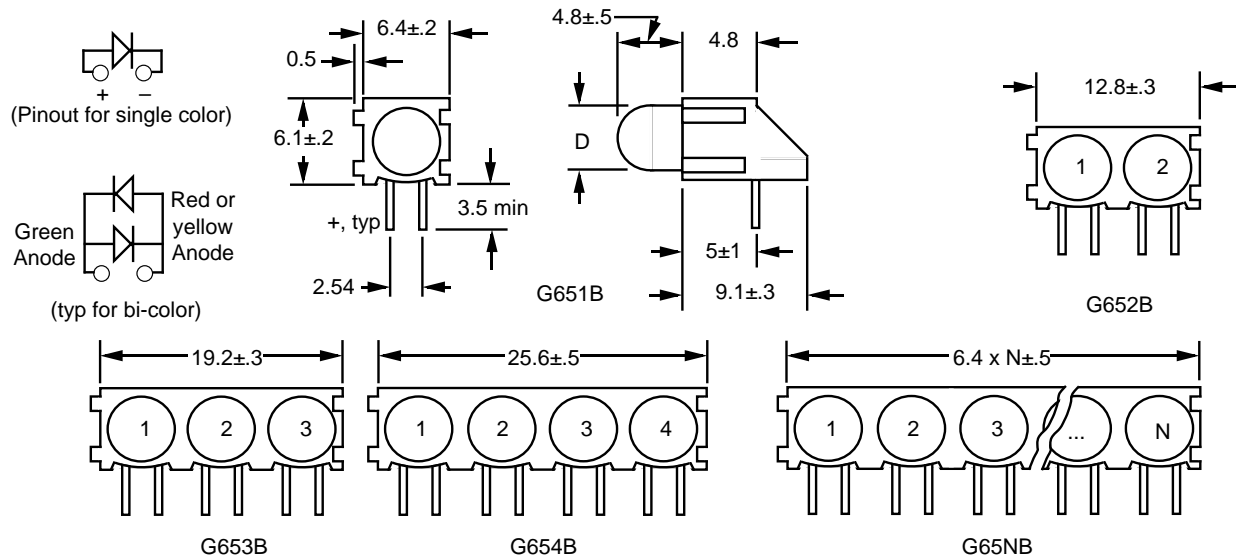


# T-1-3/4, Right-Angle LED Assembly G65XB Series (Snap-together Style)



The G65XB series of right-angle indicators is made of interlocking units. This series is available with leads cut to 4 mm as standard. In addition to the variety of lamps listed below, most T-1-3/4 LEDs, from blue to super bright red, can be special ordered.



\*D is nominally 4.8 mm to 5.0 mm depending on type.

Specify part desired as follows:

G65NB/Order Code1 + ... + Order Code N; where N = number of segments.

For example: "G654B/l+3G" designates an assembly with 1 red LED on the left and 3 green LEDs to the right.

It is recommended that N ≤ 8 to minimize handling difficulty and tolerance build up.



RoHS Compliant  
Aug 2004

## ORDER CODE AND INFORMATION (ALL RATINGS AT 25°C AMBIENT)

| LED Lamp                              |                |            | Typical Characteristics |                 |                   |                         | Recom. Op. If (mA) |
|---------------------------------------|----------------|------------|-------------------------|-----------------|-------------------|-------------------------|--------------------|
| Epoxy & Type                          | Color          | Order Code | Peak λ (nm)             | Vf (V) @If=20mA | Iv (mcd) @If=10mA | 2Θ <sub>1/2</sub> (Deg) |                    |
| Tinted Diffused<br>Resistor Required  | Red            | H          | 697                     | 2.1             | 2.0               | 36                      | 5-10               |
|                                       | Hi Eff Red     | I          | 635                     | 2.0             | 9.0               | 36                      | 10-20              |
|                                       | Green          | G          | 565                     | 2.1             | 9.0               | 36                      | 10-20              |
|                                       | Yellow         | Y          | 585                     | 2.0             | 7.0               | 36                      | 10-20              |
| Tinted Transparent<br>High Brightness | Hi Eff Red     | IT         | 635                     | 2.0             | 30                | 16                      | 10-20              |
|                                       | Green          | GT         | 565                     | 2.1             | 30                | 16                      | 10-20              |
|                                       | Yellow         | YT         | 585                     | 2.0             | 28                | 16                      | 10-20              |
| Tinted Diffused<br>For 2mA Operation  | Red            | H2         | 697                     | 2.0             | 1.6 @ 2mA         | 36                      | 2-10               |
|                                       | Hi Eff Red     | I2         | 635                     | 2.1             | 2.0 @ 2mA         | 36                      | 2-10               |
|                                       | Green          | G2         | 565                     | 2.0             | 2.0 @ 2mA         | 36                      | 2-10               |
|                                       | Yellow         | Y2         | 585                     | 2.0             | 2.0 @ 2mA         | 36                      | 2-10               |
| Tinted Diffused<br>5V Operation       | Hi Eff Red     | I5         | 635                     | -               | 4.5               | 36                      | 5 V                |
|                                       | Green          | G5         | 565                     | -               | 4.5               | 36                      | 5 V                |
|                                       | Yellow         | Y5         | 585                     | -               | 4.5               | 36                      | 5 V                |
| Tinted Diffused<br>12V Operation      | Hi Eff Red     | IB         | 635                     | -               | 4.5               | 36                      | 12 V               |
|                                       | Green          | GB         | 565                     | -               | 4.5               | 36                      | 12 V               |
|                                       | Yellow         | YB         | 585                     | -               | 4.5               | 36                      | 12 V               |
| White Diffused<br>Bipolar, Bicolor    | Hi Eff Red/Grn | EG         | 635/565                 | 2.1/2.0         | 2.5/2.5           | 54                      | 10-20              |
|                                       | Yellow/Green   | YG         | 585/565                 | 2.1/2.0         | 2.5/2.5           | 54                      | 10-20              |
|                                       | Red/Green      | SG         | 660/570                 | 1.8/2.2         | 6.0/2.5           | -                       | 10-20              |

\* Specifications subject to change without notice. Dimensions are in mm±0.25 unless stated otherwise.

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