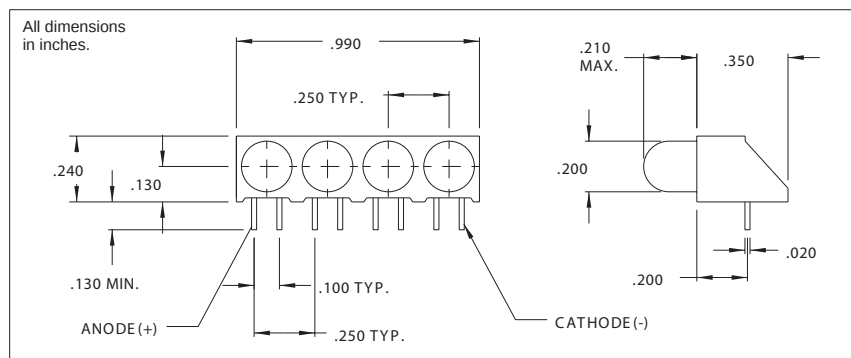




## 5640 Series T-1 3/4 Right Angle 4 Wide LED Assembly

### DESCRIPTION AND FEATURES



#### Features:

- Quad assembly with 4 LEDs permits easy installation-assures matched height and center to center spacing, reduces assembly time and costs.
- Super Brite LEDs
- High contrast ratio.
- Low current - only 2mA
- Built-in resistor chips - operates off 5 volt or 12 volt supply without external resistor.
- Standoffs prevent flux entrapment.
- Housing: Black Nylon, UL94V-O
- Mounting hole pattern on page 1-X6.

The user who may have a requirement calling for various color/electrical specifications, a part number can be determined by referring to the chart shown below.

|     | Red | Amber | Green | Yellow |
|-----|-----|-------|-------|--------|
| LED | 1   | 3     | 5     | 7      |

Model No. is as follows: 5640H Pos. 1 ; Pos. 2 ; Pos. 3 ; Pos. 4

When specifying all 4 LEDs of the same type -

Example: 4 each 5 volt red LEDs, the part number is 5640H1-5V

When specifying a variety of colors -

Example: Position 1 is green, position 2 is red, position 3 is yellow, position 4 is amber. All standard voltage.

The part number is 5640H5;1;7;3.

Alternate LEDs are also available in this package as a standard variation.

### ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

| Part Number | Emitted Color | Typical Intensity (mcd) | Rated Current (mA) | Continuous Forward Current Max. (mA) | Forward Voltage |          | Reverse Breakdown Voltage Min.(V) | Peak Wavelength (nm) |
|-------------|---------------|-------------------------|--------------------|--------------------------------------|-----------------|----------|-----------------------------------|----------------------|
|             |               |                         |                    |                                      | Typ. (V)        | Max. (V) |                                   |                      |
| 1           | Red           | 6.3                     | 10                 | 35.0                                 | 2.0             | 3.0      | 5.0                               | 650                  |
| 3           | Amber         | 10.0                    | 10                 | 35.0                                 | 2.0             | 3.0      | 5.0                               | 608                  |
| 5           | Green         | 10.0                    | 10                 | 30.0                                 | 2.2             | 3.0      | 5.0                               | 563                  |
| 7           | Yellow        | 6.3                     | 10                 | 35.0                                 | 2.1             | 3.0      | 5.0                               | 585                  |
| 1LC         | Red           | 2.3                     | 2.0                | 7.0                                  | 1.8             | 2.7      | 5.0                               | 635                  |
| 5LC         | Green         | 2.3                     | 2.0                | 7.0                                  | 1.8             | 2.2      | 5.0                               | 565                  |
| 7LC         | Yellow        | 2.1                     | 2.0                | 7.0                                  | 1.9             | 2.7      | 5.0                               | 583                  |
| 1-5V        | Red           | 8                       | 10                 | 15.0                                 | 5.0             | 7.5      | 5.0                               | 635                  |
| 3-5V        | Amber         | 8                       | 10                 | 15.0                                 | 5.0             | 7.5      | 5.0                               | 583                  |
| 5-5V        | Green         | 8                       | 12                 | 15.0                                 | 5.0             | 7.5      | 5.0                               | 565                  |
| 1-12V       | Red           | 8                       | 12                 | 20                                   | 12              | 15.0     | -                                 | 635                  |