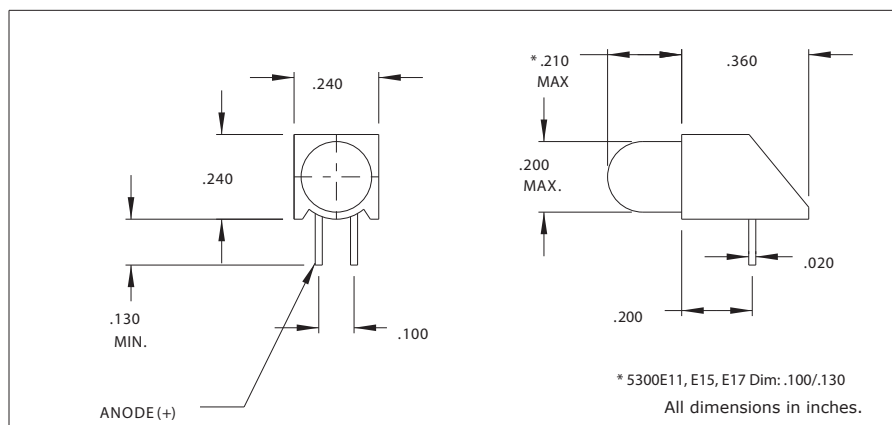


## 5300 Series T-1 3/4 Right Angle LED Assembly

### Description and Features



#### Features

- Block mounting height and spacing alignment saves assembly cost and time.
- Full range of brightness.
- Available with built-in resistor chip to eliminate the need for external resistor, operates off 5V or 12V supply.
- TTL compatible
- Standoffs prevent flux entrapment.

Housing: Black Nylon, UL94V-O

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

## Electro-Optical Characteristics and Ratings

| Part Number | Color  | Typ. Intensity (mcd) | Rated Current (mA) | Continuous Forward Current Max. (mA) | Forward Voltage Typ. (V) | Forward Voltage Max. (V) | Peak Forward Current @ 1ms-300pps (A) | Reverse Break-down Voltage Min. (V) | Peak Wavelength (nm) |
|-------------|--------|----------------------|--------------------|--------------------------------------|--------------------------|--------------------------|---------------------------------------|-------------------------------------|----------------------|
| 5300E11     | Red    | 6.5                  | 10                 | 20                                   | 2.0                      | 3.0                      | 60                                    | 3                                   | 650                  |
| 5300E15     | Green  | 10                   | 10                 | 25                                   | 3.1                      | 3.0                      | 60                                    | 3                                   | 563                  |
| 5300E17     | Yellow | 6.3                  | 10                 | 20                                   | 2.1                      | 3.0                      | 60                                    | 3                                   | 585                  |
| 5300H1      | Red    | 6.3                  | 10                 | 60                                   | 2.0                      | 3.0                      | 1.0                                   | 5                                   | 650                  |
| 5300H3      | Amber  | 10                   | 10                 | 60                                   | 2.0                      | 3.0                      | 1.0                                   | 5                                   | 608                  |
| 5300H5      | Green  | 10                   | 10                 | 60                                   | 2.2                      | 3.0                      | .09                                   | 5                                   | 563                  |
| 5300H6      | Blue   | 160                  | 20                 | 20                                   | 5.0                      | 6.0                      | -                                     | 5                                   | 430                  |
| 5300H7      | Yellow | 6.3                  | 10                 | 60                                   | 2.1                      | 3.0                      | 1.0                                   | 5                                   | 585                  |
| 5308H1      | Red    | 68                   | 20                 | 60                                   | 2.1                      | 3.0                      | 1.0                                   | 5                                   | 650                  |
| 5308H5      | Green  | 100                  | 20                 | 60                                   | 2.2                      | 3.0                      | .09                                   | 5                                   | 563                  |
| 5308H7      | Yellow | 160                  | 20                 | 60                                   | 2.2                      | 3.0                      | 1.0                                   | 5                                   | 585                  |
| 5300H1LC    | Red    | 2.3                  | 2                  | 7                                    | 1.8                      | 2.2                      | .007                                  | 5                                   | 635                  |
| 5300H5LC    | Green  | 2.3                  | 2                  | 7                                    | 1.8                      | 2.2                      | .007                                  | 5                                   | 565                  |
| 5300H7LC    | Yellow | 2.1                  | 2                  | 7                                    | 1.9                      | 2.7                      | .007                                  | 5                                   | 585                  |
| 5302H1-5V   | Red    | 8                    | 10                 | 15                                   | 5                        | 7.5                      | -                                     | 5                                   | 635                  |
| 5302H3-5V   | Amber  | 8                    | 10                 | 15                                   | 5                        | 7.5                      | -                                     | 5                                   | 583                  |
| 5302H5-5V   | Green  | 8                    | 12                 | 15                                   | 5                        | 7.5                      | -                                     | 5                                   | 565                  |
| 5302H1-12V  | Red    | 8                    | 12                 | 20                                   | 12.0                     | 15.0                     | -                                     | 5                                   | 635                  |
| 5302H3-12V  | Amber  | 8                    | 12                 | 20                                   | 12.0                     | 15.0                     | -                                     | 5                                   | 583                  |
| 5302H5-12V  | Green  | 8                    | 12                 | 20                                   | 12.0                     | 15.0                     | -                                     | 5                                   | 565                  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

VCC:

[5300E15](#) [5300E11](#) [5300E17](#)