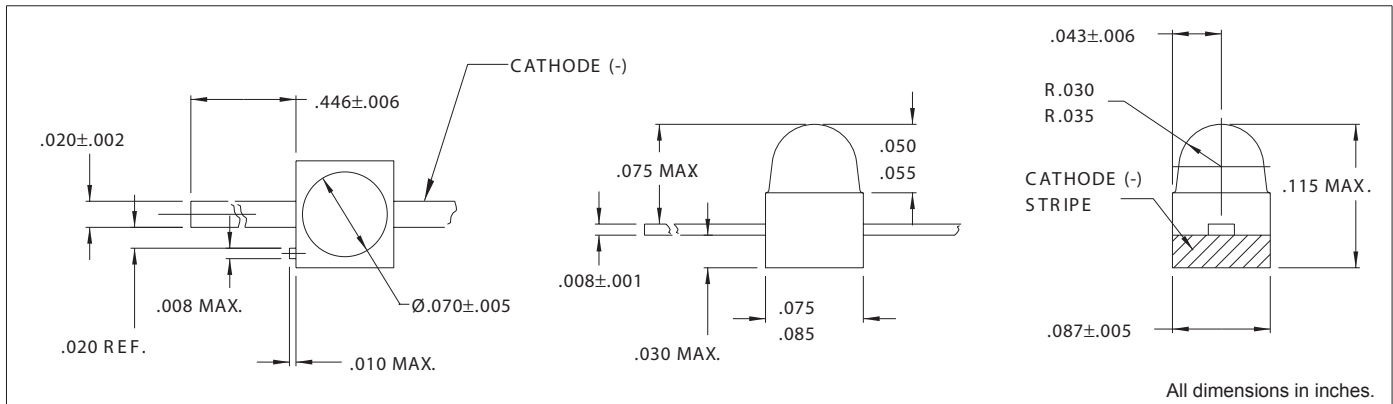


## 4307T Series Solid State LED Lamps-Sub Miniature 1.65mm

### Description and Features



Sub-Miniature High Brite LEDs 5mcd (red)

- High intensity light output.
- Low profile package.
- Wide viewing angle.
- Diffused epoxy lens provides high on-off contrast ratio.

## Electro-Optical Characteristics and Ratings

| PART NUMBER                                | 4307T1   | 4307T3   | 4307T5   | 4307T7   |
|--------------------------------------------|----------|----------|----------|----------|
| Output Color                               | Red      | Amber    | Green    | Yellow   |
| Diffusion                                  | Diffused | Diffused | Diffused | Diffused |
| Package Color                              | Red      | Amber    | Green    | Yellow   |
| Rated Current (mA)                         | 10       | 10       | 10       | 10       |
| Forward Voltage Typ. (V)                   | 2.2      | 2.2      | 2.3      | 2.2      |
| Forward Voltage Max. (V)                   | 3.0      | 3.0      | 3.0      | 3.0      |
| Luminous Intensity Min. (mcd)              | 1.0      | 1.0      | 1.0      | 1.0      |
| Luminous Intensity Typ. (mcd)              | 5.0      | 3.0      | 4.0      | 3.8      |
| Capacitance @ V=0 (pF)                     | 11       | 4        | 18       | 15       |
| Peak Wavelength (nm)                       | 635      | 603      | 565      | 583      |
| Viewing Angle 2θ 1/2 (degrees)             | 80       | 90       | 70       | 90       |
| Power Dissipation (mW)                     | 120      | 135      | 120      | 120      |
| Continuous Forward Current Max. (mA)       | 30       | 30       | 30       | 20       |
| Reverse Breakdown Voltage Min. (V)         | 5        | 5        | 5        | 5        |
| Peak Forward Current Max. (1ms-300pps) (A) | .06      | .09      | .06      | .06      |