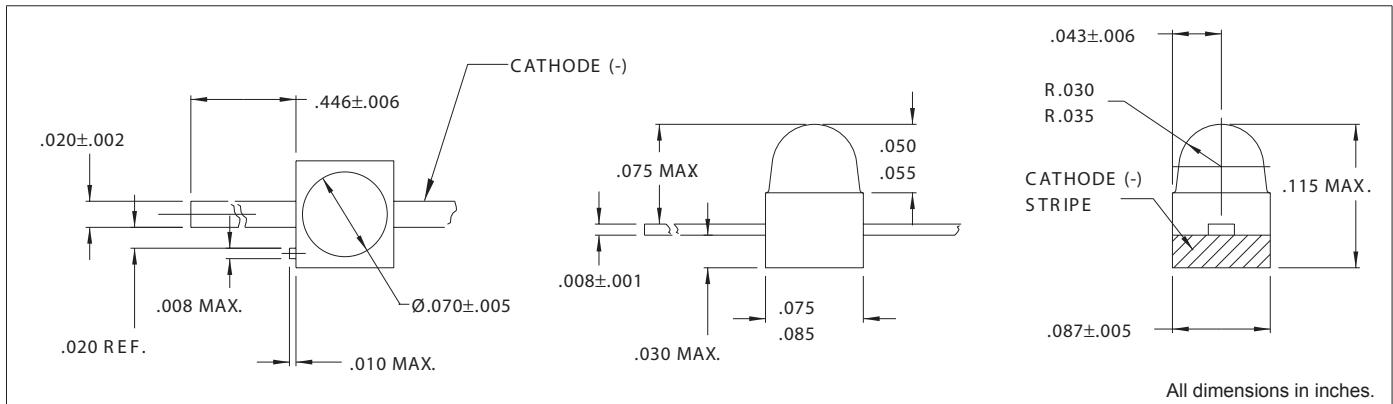


4307T Series Solid State LED Lamps-Sub Miniature 1.65mm

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 20 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 |