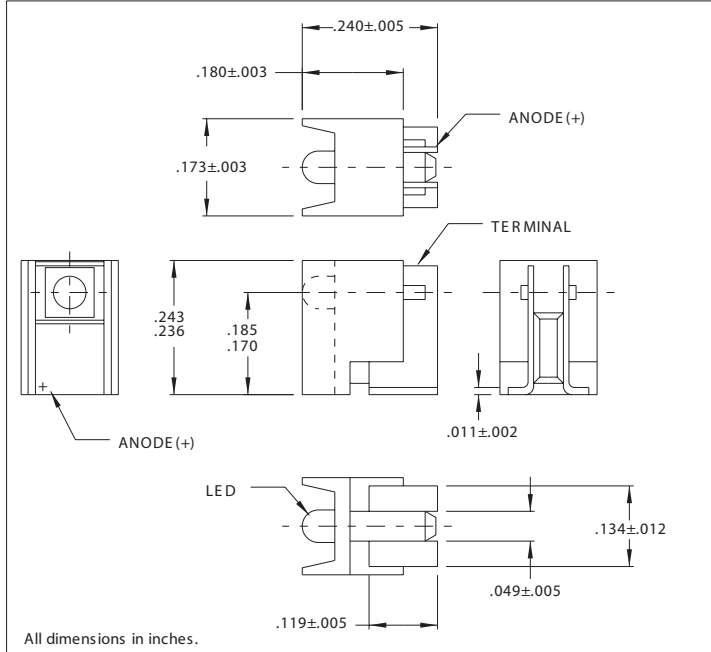




6200T Series Bright★Angle™ Right Angle Sub-Miniature SMT LED Assemblies

DESCRIPTION AND FEATURES



- Tape and reel packaged for high-speed pick-and-place installation.
- Packaged 1000 pieces per reel.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- Ideal for backlighting applications.
- Wide angle view.
- Direct-view optics provide smooth uniform appearance.
- High output.
- Low current (2mA).
- Built-in resistor for 5V and 5V low current.
- 100K+ hour MTBF.
- Easy post-reflow solder joint inspection.
- No adhesives.
- UL94V-O rated housing of black polyphenylene sulfide.

Solder pad geometry on page 1-X1.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

| Part Number | Color | Lens Color | Rated Current (mA) | Luminous Intensity Typ. (mcd) | Forward Voltage Typ. (V) | Forward Voltage Max. (V) | Peak Wavelength (nm) |
|-------------|--------|------------|--------------------|-------------------------------|--------------------------|--------------------------|----------------------|
| 6200T1 | Red | Red | 10 | 5.0 | 2.2 | 3.0 | 635 |
| 6200T3 | Amber | Amber | 10 | 5.0 | 2.0 | 3.0 | 603 |
| 6200T5 | Green | Green | 10 | 4.0 | 2.3 | 3.0 | 565 |
| 6200T7 | Yellow | Yellow | 10 | 3.8 | 2.2 | 3.0 | 585 |
| 6200T1LC | Red | Red | 2.0 | .5 | 1.8 | 2.2 | 635 |
| 6200T5LC | Green | Green | 2.0 | 1.2 | 1.8 | 2.2 | 565 |
| 6200T7LC | Yellow | Yellow | 2.0 | .5 | 1.9 | 2.7 | 583 |
| 6202T1-5V | Red | Red | 10 | 5.0 | 5.0 | 6.0 | 635 |
| 6202T3-5V | Amber | Amber | 10 | 5.0 | 5.0 | 6.0 | 565 |
| 6202T5-5V | Green | Green | 10 | 5.0 | 5.0 | 6.0 | 583 |
| 6202T1-5VLC | Red | Red | 3.5 | 2.0 | 5.0 | 6.0 | 635 |
| 6202T3-5VLC | Amber | Amber | 3.5 | 4.0 | 5.0 | 6.0 | 565 |
| 6202T5-5VLC | Green | Green | 3.5 | 2.0 | 5.0 | 6.0 | 583 |