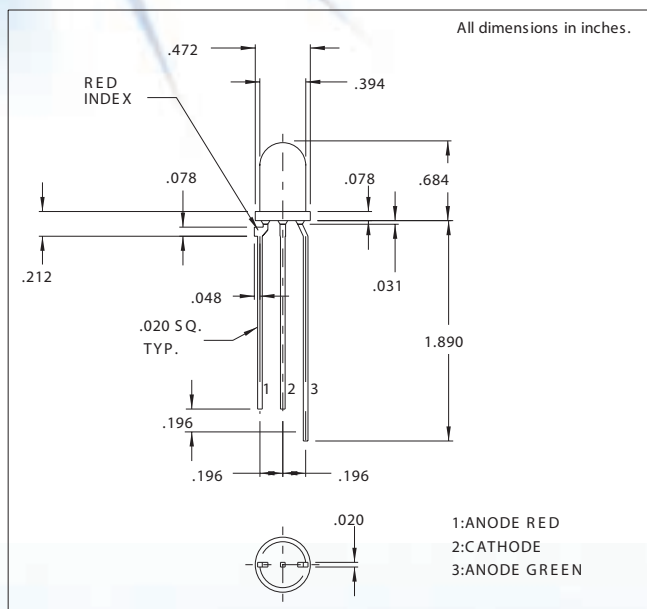


## 4361H1/5 Series High Brite Tri-Color T-1 3/4 LED Lamps

### DESCRIPTION AND FEATURES



#### Features

T-1 3/4 Tri-color LEDs

- Provides red, green and amber in same three lead package.
- Chips are brightness matched.
- Lights amber when both chips are illuminated.

### ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

| PART NUMBER                                           | 4361H1/5    |             | 4361H3/5    |             |
|-------------------------------------------------------|-------------|-------------|-------------|-------------|
| Output Color                                          | Red         | Green       | Amber       | Green       |
| Diffusion                                             | Diffused    | Diffused    | Diffused    | Diffused    |
| Package Color                                         | Clear       | Clear       | Clear       | Clear       |
| Test Current (mA)                                     | 20          | 20          | 20          | 20          |
| Forward Voltage Typ. (V)                              | 2.0         | 2.1         | 2.1         | 2.1         |
| Forward Voltage Max. (V)                              | 3.0         | 3.0         | 2.8         | 3.0         |
| Luminous Intensity Min. (mcd)                         | 2.2         | 3.0         | 1.5         | 3.0         |
| Luminous Intensity Typ. (mcd)                         | 6.3         | 10.0        | 5.0         | 10.0        |
| Luminous Intensity Max. (mcd)                         | -           | -           | -           | -           |
| Peak Wavelength (nm)                                  | 650         | 563         | 610         | 563         |
| Viewing Angle 20 1/2 (degrees)                        | 40          | 40          | 40          | 40          |
| Power Dissipation (mW)                                | 60          | 75          | 75          | 75          |
| Operating Temperature (°C)                            | -25 to +85  | -25 to +85  | -25 to +85  | -25 to +85  |
| Storage Temperature (°C)                              | -30 to +100 | -30 to +100 | -30 to +100 | -30 to +100 |
| Peak Forward Current Max. (1μs @ 10% duty cycle) (mA) | 60          | 60          | 60          | 60          |
| Reverse Voltage (IR=100μA) (V)                        | 3           | 3           | 3           | 3           |
| Lead Solder Time @ 260°C                              | 5           | 5           | 5           | 5           |