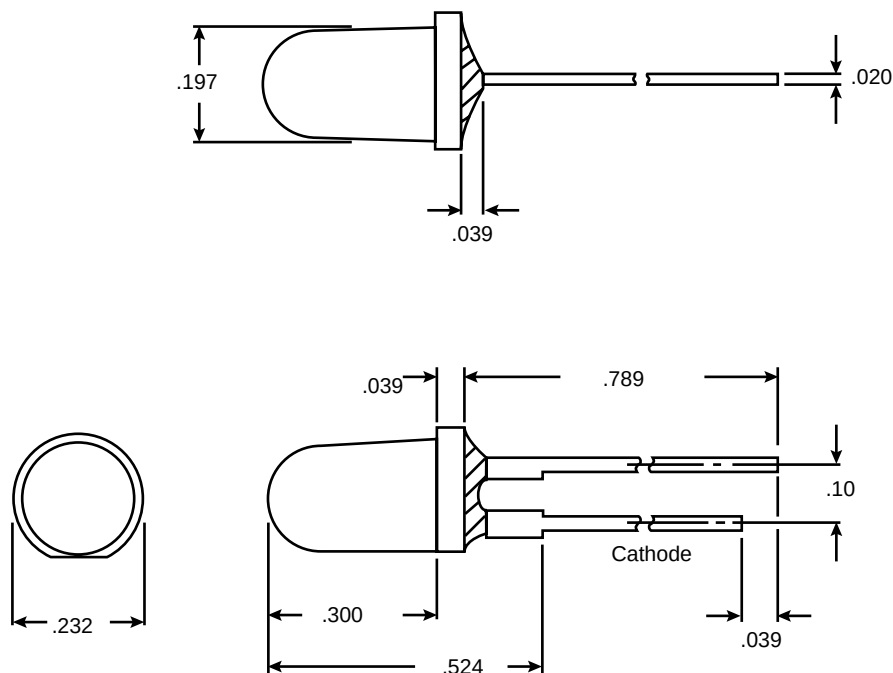


## Dimensions (In.)



## Absolute Maximum Ratings (Ta=25°C)

| Parameter                                                                  | 351-5001        | 351-5003 | 351-5004 |
|----------------------------------------------------------------------------|-----------------|----------|----------|
| Power dissipation (mW)                                                     | 80              | 100      | 100      |
| DC forward current (mA)                                                    | 40              | 30       | 30       |
| Peak forward current (mA)                                                  | 200             | 120      | 80       |
| Reverse voltage (V)                                                        | 5               | 5        | 5        |
| Operating and storage temperature range                                    | -40°C to +100°C |          |          |
| Lead soldering temperature 0.063" below package (case) 260°C for 5 seconds |                 |          |          |

## Electrical Characteristics (Ta=25°C)

| Mouser Stock No. | Dice Material | Emitted Light Color | Lens        | Forward Voltage (V) |     | Reverse Current (uA) | Peak Wavelength (nm) | Luminous Intensity (mcd) |     | Viewing Angle |
|------------------|---------------|---------------------|-------------|---------------------|-----|----------------------|----------------------|--------------------------|-----|---------------|
|                  |               |                     |             | Typ                 | Max |                      |                      | Min                      | Typ |               |
| 351-5001         | GaAsP/GaAs    | Red                 | Red Diff    | 1.7                 | 2.0 | 100                  | 655                  | 0.5                      | 1.0 | 130°          |
| 351-5003         | GaP           | Green               | Green Diff  | 2.1                 | 2.8 | 100                  | 565                  | 3.5                      | 6.5 | 130°          |
| 351-5004         | GaAsP/GaP     | Yellow              | Yellow Diff | 2.0                 | 2.8 | 100                  | 585                  | 3.0                      | 6.0 | 130°          |

• T-1 3/4 Standard size: 5mm

# Mouser Electronics

Authorized Distributor

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Xicon:

[351-5003](#) [351-5001](#)