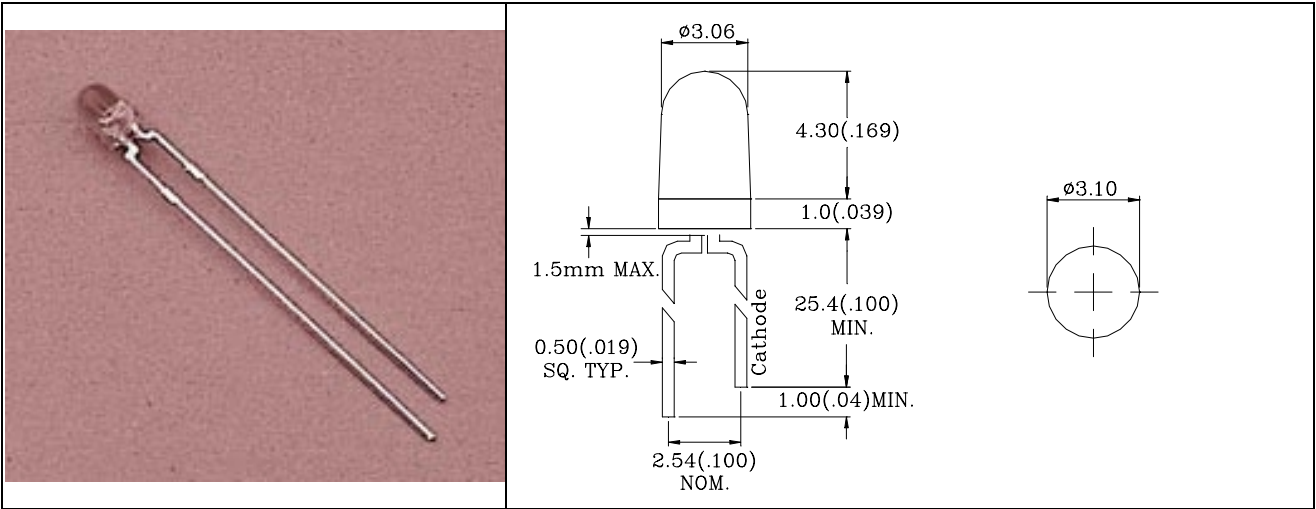
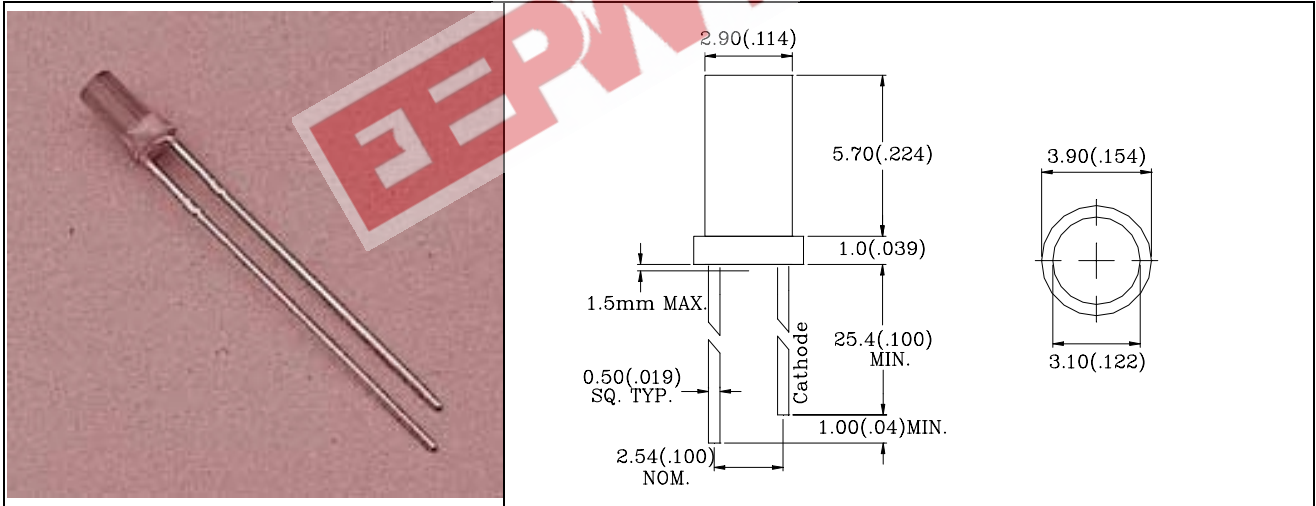


L-3541XX 3.0mm Dia LOW PROFILE LED LAMP



| Part No. | Chip | | Lens Color | Wave Length λ p(nm) | Electro-Optical Characteristics | | | View Angle (deg) |
|-----------|--------------|---------------|-----------------|--------------------------------|---------------------------------|------|-------------|------------------|
| | Raw Material | Emitted Color | | | Vf(V)20mA | | Iv(mcd)10mA | |
| | | | | | Typ. | Max. | Typ. | |
| L-3541HD | GaP | Red | Red Diffused | 700 | 2.1 | 2.8 | 6.0 | 60 |
| L-3541GD | GaP | Green | Green Diffused | 565 | 2.1 | 2.8 | 12.5 | 60 |
| L-3541YD | GaAsP/GaP | Yellow | Yellow Diffused | 585 | 2.1 | 2.8 | 12.5 | 60 |
| L-3541ED | GaAsP/GaP | Hi. effi Red | Red Diffused | 635 | 2.0 | 2.8 | 20.0 | 60 |
| L-3541SRD | GaAlAs | Super Red | Red Diffused | 660 | 1.8 | 2.4 | 100.0 | 60 |

L-3N4XX 3.0mm Dia CYLINDRICAL LED LAMP



| Part No. | Chip | | Lens Color | Wave Length λ p(nm) | Electro-Optical Characteristics | | | View Angle (deg) |
|----------|--------------|---------------|-----------------|--------------------------------|---------------------------------|------|-------------|------------------|
| | Raw Material | Emitted Color | | | Vf(V)20mA | | Iv(mcd)10mA | |
| | | | | | Typ. | Max. | Typ. | |
| L-3N4HD | GaP | Red | Red Diffused | 700 | 2.1 | 2.8 | 6.0 | 60 |
| L-3N4GD | GaP | Green | Green Diffused | 565 | 2.1 | 2.8 | 12.5 | 60 |
| L-3N4YD | GaAsP/GaP | Yellow | Yellow Diffused | 585 | 2.1 | 2.8 | 12.5 | 60 |
| L-3N4ED | GaAsP/GaP | Hi. effi Red | Red Diffused | 635 | 2.0 | 2.8 | 20.0 | 60 |
| L-3N4SRD | GaAlAs | Super Red | Red Diffused | 660 | 1.8 | 2.4 | 100.0 | 60 |

1. All dimension are in millimeters (inches).
2. Tolerance is ± 0.25 mm (0.01") unless otherwise specified.