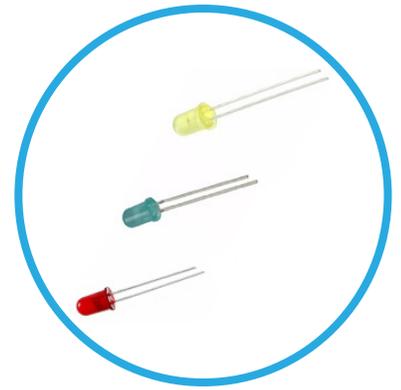




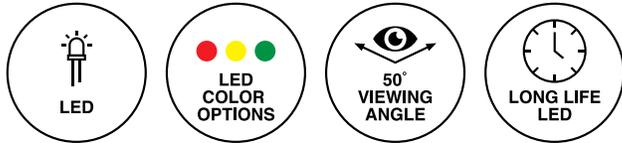
4300HLC Series

5mm (T-1 3/4) Through Hole LED

Low Current



Ideal for limited current power supplies



Application

- Automotive
- Industrial
- Railway
- Indoor and Outdoor Indication
- Appliances and Consumer Equipments
- Residential and Landscape Lighting
- Electronic Devices
- Storage Servers
- Infrastructure

Key Features

- Through-hole technology
- With Flange
- LED Bulb Size: 5mm (T-1 3/4)
- Available in 3 colors (red, green and yellow)
- Moisture Sensitive Level (MSL): 1
- Low current requires only 2mA
- Viewing Angle: 50°
- Ideal for limited current power supplies
- RoHS and REACH Compliant

Compliances and Approvals



Product Specifications

Part Numbers

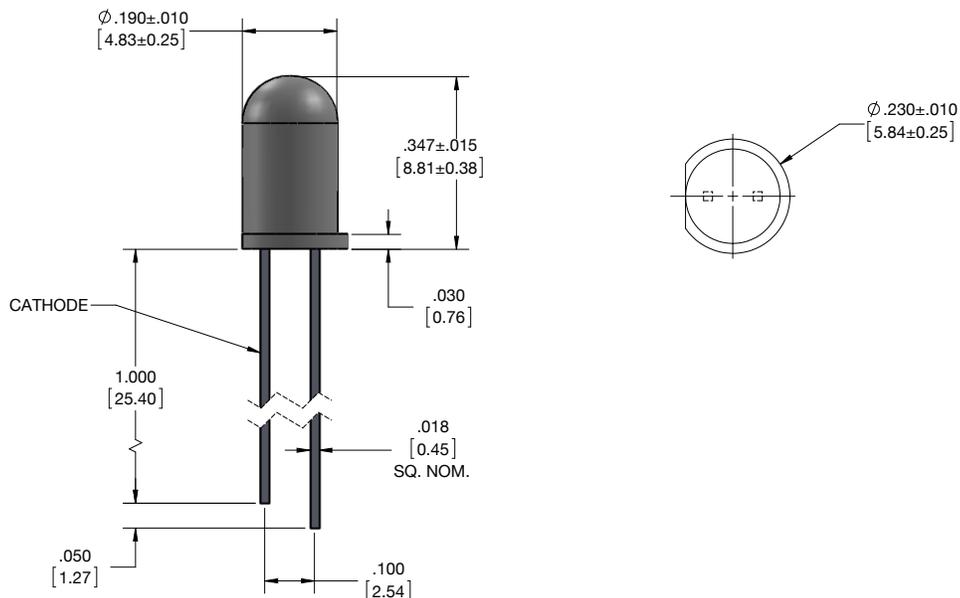
| 4300H1LC | 4300H5LC | 4300H7LC | Electro-Optical Characteristics And Ratings | Units |
|----------|----------|----------|---|---------|
| Red | Green | Yellow | Output Color | |
| Diffused | Diffused | Diffused | Diffusion | |
| Red | Green | Yellow | Package Color | |
| 2 | 2 | 2 | Test Current | mA |
| 1.7 | 1.9 | 1.8 | Forward Voltage Typ | V |
| 2.0 | 2.2 | 2.5 | Forward Voltage Max | V |
| 1.5 | 1.0 | .9 | Luminous Intensity Min | mcd |
| 2.3 | 2.3 | 2.1 | Luminous Intensity Typ | mcd |
| 4.2 | - | - | Luminous Intensity Max | mcd |
| 635 | 565 | 583 | Peak Wavelength | nm |
| 50 | 50 | 50 | Viewing Angle 2Θ 1/2 | degrees |

| 4300H1LC | 4300H5LC | 4300H7LC | Absolute Maximum Ratings Ta = 25 °C | Units |
|------------|------------|------------|--|---------|
| 14 | 15.4 | 17.5 | Power Dissipation(Note 2) | mW |
| -40 to 100 | -20 to 100 | -40 to 100 | Operating Temperature | °C |
| -40 to 100 | -40 to 100 | -40 to 100 | Storage Temperature | °C |
| 7 | 7 | 7 | Peak Forward Current Max. (See Note 1) | mA |
| 5 | 5 | 5 | Reverse Voltage (Ir=50μA) | V |
| 5 | 5 | 5 | Lead Solder Time At 260°C | Seconds |

Notes:

1. 10 μSecond Pulse

Product Dimensions



Notes:

All dimensions are in inches [millimeters]