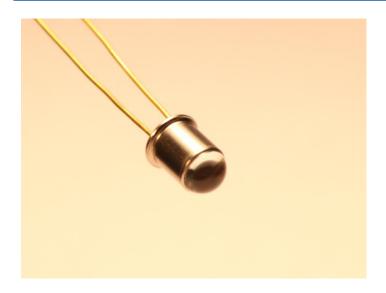


LS-0630 Series





FEATURES

- 630nm Peak Wavelength
- Long Life
- RoHS Compliant
- High Reliability

DESCRIPTION

The LS-0630 Series are AllnGaP/GaAs LEDs with peak wavelength of 630nm. Available in a TO-46 lens cap and a TO-46 glob top. The lens cap have a wide viewing angle.

APPLICATIONS

Indicators

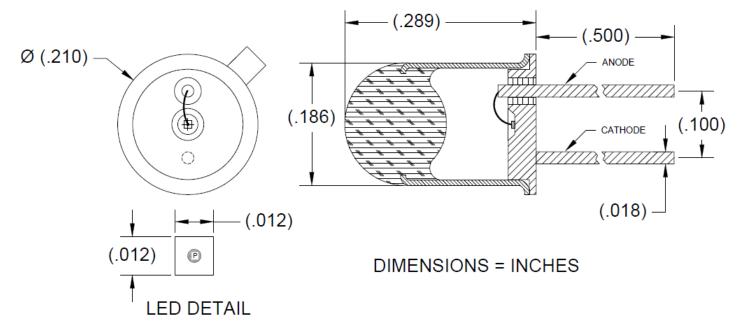
> Absolute Maximum Ratings

| Part No. | Forward DC Current [mA] | Reverse Voltage [V] | Operating Temperature Storage Temperature [C] [C] | | Package |
|-------------|----------------------------|------------------------|---|-------------|----------|
| LS-0630-014 | 20 | _ | -40 to +100 | -40 to +125 | Lens Cap |
| LS-0630-015 | S-0630-015 | 5 | -40 to +85 | -40 10 +125 | Glob Top |

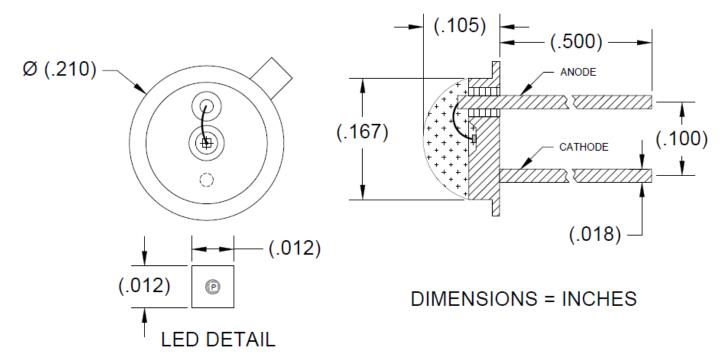
> Electrical and Optical Characteristics

| Typical Characteristics (T=23°C unless specified) | | | | | | | | |
|---|------------------------|----------------|-----|---------|-----|------|--|--|
| Parameter | Test Conditions | Symbol | Min | Typical | Max | Unit | | |
| Forward Voltage | $I_f = 20 \text{ mA}$ | V_{F} | - | 1.9 | 2.3 | V | | |
| Reverse Current | V _R =5V | I _R | - | - | 10 | μA | | |
| Peak Wavelength | I _f = 20 mA | λ_{p} | 620 | 630 | 640 | nm | | |
| Spectral Halfwidth | I _f = 20 mA | Δλ | 1 | 15 | - | nm | | |
| Luminous Intensity | I _f = 20 mA | I _v | 100 | 140 | - | mcd | | |
| Radiant Power | I _f = 20 mA | Фе | - | 2.4 | - | mW | | |

> TO-46 Lens Cap [LS-0630-014]



> TO-46 Glob Top [LS-0630-015]



>Soldering Conditions: 260°C 1/16 inch away from case for 3 seconds max.

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MATERIALS SAFETY

This product is free of conflict minerals and meets REACH compliance. Please see website for reports.