

## DESCRIPTION

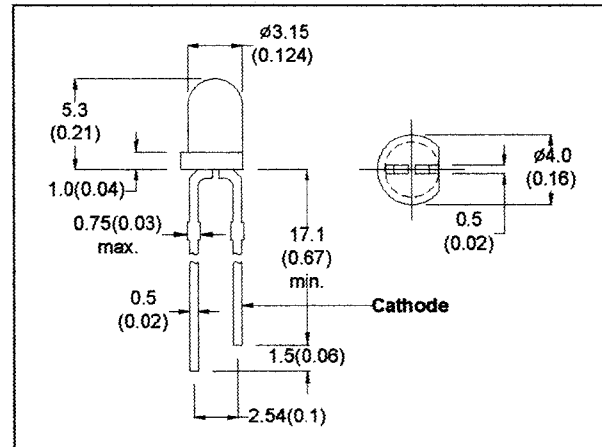
MY31 Series are yellow LED lamp with 3mm diameter epoxy package.

MY31C is yellow chip with yellow transparent lens.

MY31D is yellow chip with yellow diffused lens.

MY31T is yellow chip with clear transparent lens.

MY31W is yellow chip with clear diffused lens.



- All Dimension in mm (inch)
- No Scale
- Tol : + / - 0.3mm

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

60mW

20mA

5V

-55 to +100°C

260°C for 5 sec.

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

| PARAMETER                 | SYMBOL     | MY31C | MY31D | MY31T | MY31W | UNIT   | CONDITIONS |
|---------------------------|------------|-------|-------|-------|-------|--------|------------|
| Forward Voltage           | MAX VF     | 3.0   | 3.0   | 3.0   | 3.0   | V      | IF=20mA    |
| Reverse Breakdown Voltage | MIN BVR    | 5     | 5     | 5     | 5     | V      | IR=100 μA  |
| Luminous Intensity        | MIN IV     | 25    | 8     | 25    | 8     | mcd    | IF=20mA    |
|                           | TYP        | 40    | 12    | 40    | 12    | mcd    |            |
| Peak Wavelength           | TYP λp     | 585   | 585   | 585   | 585   | nm     | IF=20mA    |
| Spectral Line Half Width  | TYP Δλ     | 35    | 35    | 35    | 35    | nm     | IF=20mA    |
| Viewing Angle             | TYP 2θ 1/2 | 40    | 60    | 40    | 60    | degree | IF=20mA    |

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