

## DESCRIPTION

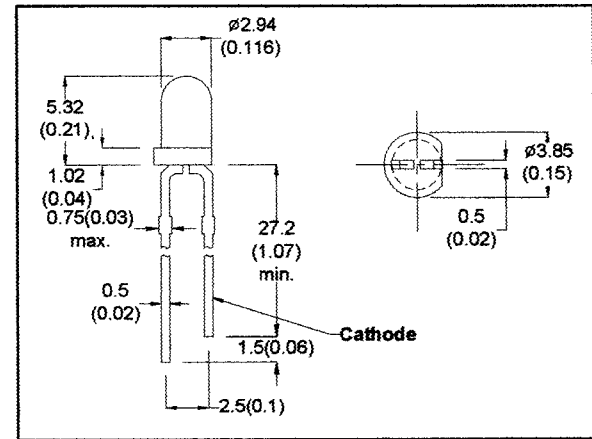
MOB32 Series are orange LED lamp with 3mm diameter epoxy package.

MOB32C is orange chip with orange transparent lens.

MOB32D is orange chip with orange diffused lens.

MOB32TA is orange chip with clear transparent lens.

MGB32W is orange 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)

90mW

30mA

5V

-55 to +100°C

260°C for 5 sec.

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

| PARAMETER                 | SYMBOL     | MOB32C | MOB32D | MOB32TA | MOB32W | 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     | 45     | 18     | 45      | 18     | mcd    | IF=20mA    |
|                           | TYP        | 60     | 22     | 60      | 22     | mcd    |            |
| Peak Wavelength           | TYP λp     | 630    | 630    | 630     | 630    | nm     | IF=20mA    |
| Spectral Line Half Width  | TYP Δλ     | 40     | 40     | 40      | 40     | nm     | IF=20mA    |
| Viewing Angle             | TYP 2θ 1/2 | 30     | 50     | 30      | 50     | degree | IF=20mA    |

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