

DESCRIPTION

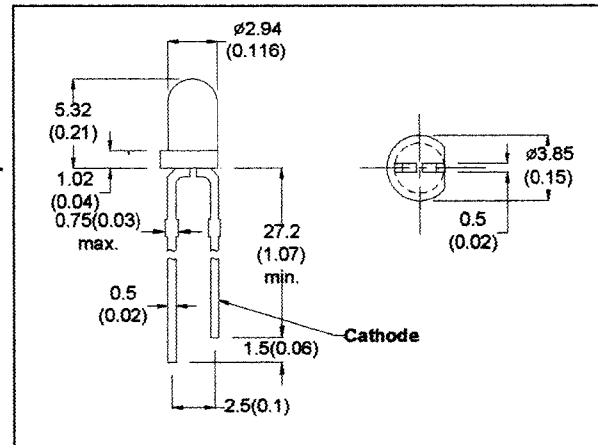
MYB32 Series are yellow LED lamp with 3mm diameter epoxy package.

MYB32C is yellow chip with yellow transparent lens.

MYB32D is yellow chip with yellow diffused lens.

MYB32TA is yellow chip with clear transparent lens.

MYB32W 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

60mW

Forward Current, DC (IF)

20mA

Reverse Voltage

5V

Operating & Storage Temperature Range

-55 to +100°C

Lead Soldering Temperature (1/16" from body)

260°C for 5 sec.

ELECTRO-OPTICAL CHA (Ta=25°C)

| PARAMETER | SYMBOL | MYB32C | MYB32D | MYB32TA | MYB32W | 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 μ A |
| Luminous Intensity | MIN IV | 40 | 13 | 40 | 13 | mcd | IF=20mA |
| | TYP | 80 | 18 | 80 | 18 | mcd | |
| Peak Wavelength | TYP λ_p | 585 | 585 | 585 | 585 | nm | IF=20mA |
| Spectral Line Half Width | TYP $\Delta\lambda$ | 35 | 35 | 35 | 35 | nm | IF=20mA |
| Viewing Angle | TYP 2θ 1/2 | 30 | 50 | 30 | 50 | degree | IF=20mA |

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