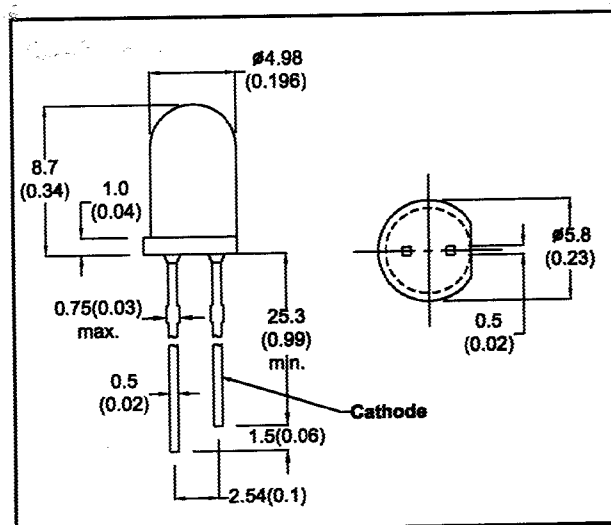


## DESCRIPTION

MYB51CA is an ultra high brightness output yellow LED lamp encapsulated in a 5mm diameter, yellow transparent lens with an optimum viewing angle.



- 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 Temperature

60mW  
20mA  
5V  
-55 to +100°C  
260°C

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

| PARAMETER                 | SYMBOL | MIN | TYP | MAX | UNIT | CONDITIONS |
|---------------------------|--------|-----|-----|-----|------|------------|
| Forward Voltage           | VF     |     |     | 3   | V    | IF=20mA    |
| Reverse Breakdown Voltage | BVR    | 5   |     |     | V    | IR=100μA   |
| Luminous Intensity        | IV     | 130 | 250 |     | mcd  | IF=20mA    |
| Peak Wavelength           | λp     |     | 585 |     | nm   | IF=20mA    |
| Spectral Line Half Width  | Δλ     |     | 35  |     | nm   | IF=20mA    |



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