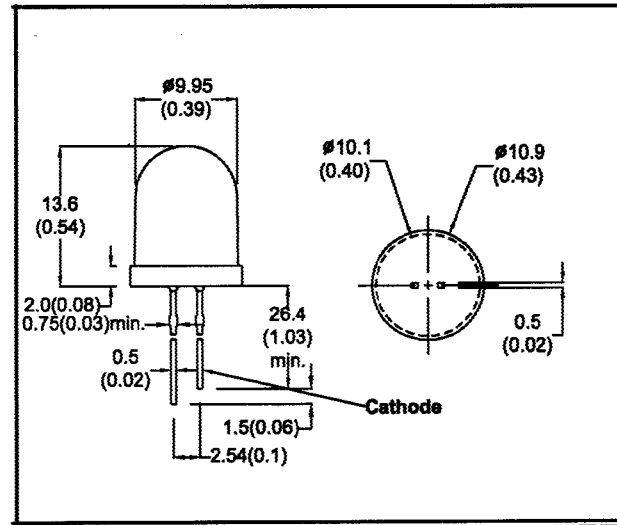


**DESCRIPTION**

MGB100DA is high brightness GaP green LED lamp encapsulated in a 10mm diameter large package, green diffused lens.



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

**ABSOLUTE MAXIMUM RATINGS**

|  |                  |
|--|------------------|
| Power Dissipation @ Ta=25°C                  | 100mW            |
| Forward Current, DC (IF)                     | 30mA             |
| 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 CHARACTERISTICS (Ta=25°C)**

| PARAMETER                 | SYMBOL | MIN | TYP | MAX | UNIT   | CONDITIONS |
|---------------------------|--------|-----|-----|-----|--------|------------|
| Forward Voltage           | VF     |     | 2.2 | 3.0 | V      | IF=20mA    |
| Reverse Breakdown Voltage | BVR    | 5   |     |     | V      | IR=100 μA  |
| Luminous Intensity        | IV     | 20  | 40  |     | mcd    | IF=20mA    |
| Peak Wavelength           | λp     |     | 570 |     | nm     | IF=20mA    |
| Spectral Line Half Width  | Δλ     |     | 30  |     | nm     | IF=20mA    |
| Viewing Angle             | 2θ 1/2 |     | 60  |     | degree | IF=20mA    |

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