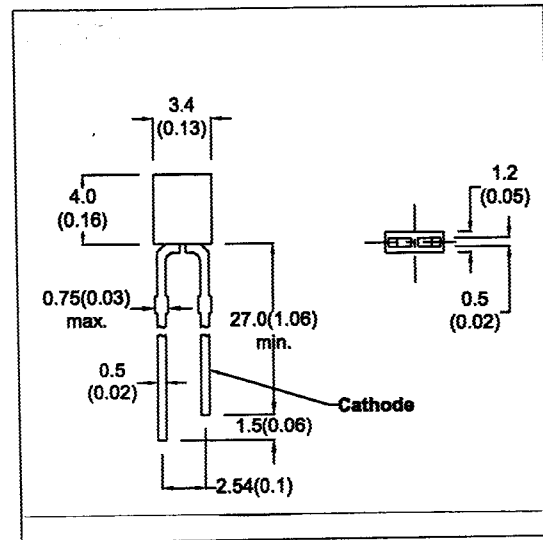


## DESCRIPTION

MGB74D is high brightness output green LED lamp encapsulated in a 1.2mm x 3.4mm rectangular bars with 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 Temperature                      | 260°C         |

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

| PARAMETER                 | SYMBOL | MIN | TYP | MAX | UNIT | CONDITIONS |
|---------------------------|--------|-----|-----|-----|------|------------|
| Forward Voltage           | VF     |     |     | 3.0 | V    | IF=20mA    |
| Reverse Breakdown Voltage | BVR    | 5   |     |     | V    | IR=100μA   |
| Luminous Intensity        | IV     | 3.5 | 7   |     | mcd  | IF=20mA    |
| Peak Wavelength           | λp     |     | 570 |     | nm   | IF=20mA    |
| Spectral Line Half Width  | Δλ     |     | 30  |     | nm   | IF=20mA    |



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5