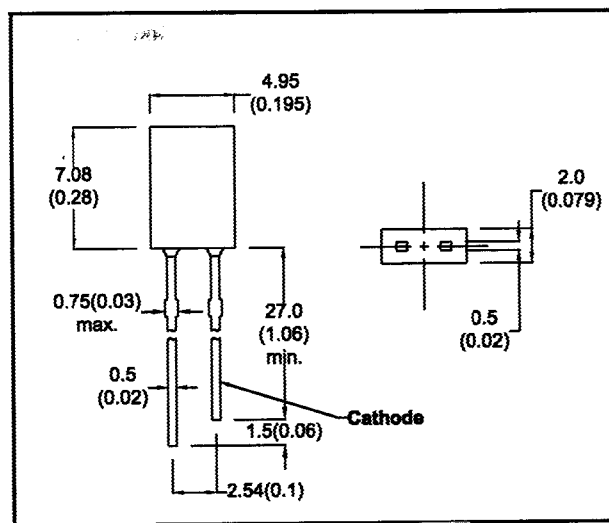


## DESCRIPTION

MSB64TA-1 is an ultra high brightness output red GaAlAs LED lamp encapsulated in a 2mm x 5mm flangeless rectangular bars with clear transparent lens.



## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @  $T_a=25^\circ\text{C}$

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Temperature

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

100mW

40mA

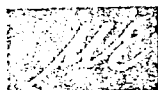
5V

-55 to +100°C

260°C

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

| PARAMETER                 | SYMBOL          | MIN | TYP | MAX | UNIT | CONDITIONS |
|---------------------------|-----------------|-----|-----|-----|------|------------|
| Forward Voltage           | VF              |     |     | 2.4 | V    | IF=20mA    |
| Reverse Breakdown Voltage | BVR             | 5   |     |     | V    | IR=100μA   |
| Luminous Intensity        | IV              | 20  | 30  |     | mcd  | IF=20mA    |
| Peak Wavelength           | $\lambda_p$     |     | 660 |     | nm   | IF=20mA    |
| Spectral Line Half Width  | $\Delta\lambda$ |     | 20  |     | nm   | IF=20mA    |



MICRO ELECTRONICS LTD. 美科有限公司

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

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telax: 43510 Micro Hx. Tel: 2343 0151-5