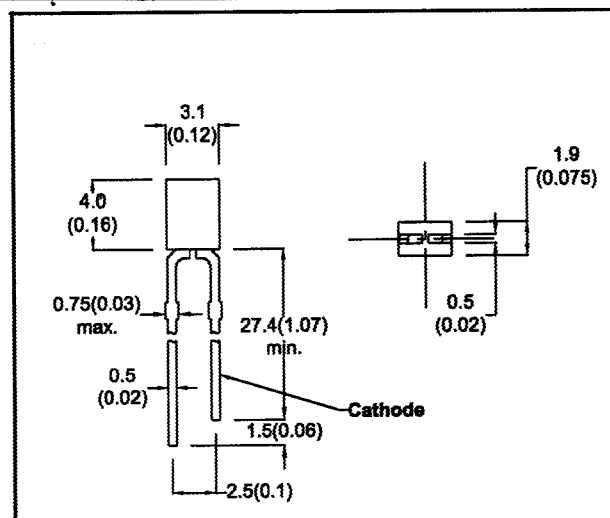


### DESCRIPTION

MSB75DA-1 is a red LED lamp encapsulated in a 1.9mm x 3.1mm rectangular bar epoxy package with red diffused lens.



- 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

100mW

40mA

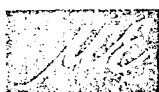
5V

-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     | 6   | 10  |     | mcd  | IF=20mA    |
| Peak Wavelength           | λp     |     | 660 |     | nm   | IF=20mA    |
| Spectral Line Half Width  | Δλ     |     | 20  |     | nm   | IF=20mA    |



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