

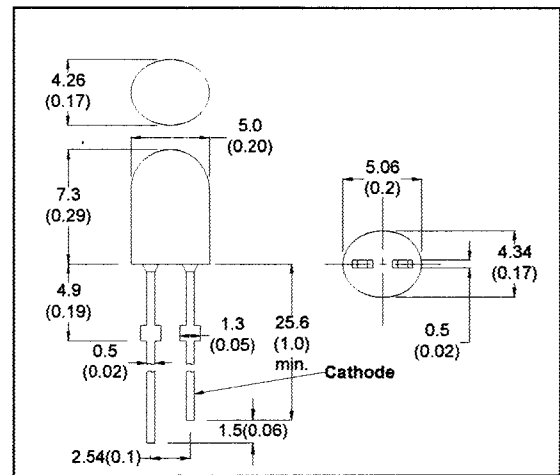
MICRO ELECTRONICS

MSZ2310TA-5

ULTRA HIGH
BRIGHTNESS
OVAL-SHAPED
SUPER RED LED LAMP

DESCRIPTION

MSZ2310TA-5 is a GaAlAs super red LED lamp encapsulated in a 5mm diameter oval type clear transparent lens.



- ALL DIMENSION IN MM(INCH)
- TOL. : +/-0.3MM
- NO SCALE

ABSOLUTE MAXIMUM RATINGS

| | |
|--|------------------|
| Power Dissipation @ Ta=25°C | 100mW |
| Forward Current, DC (IF) | 40mA |
| 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 CHARACTERISTIC: (Ta=25°C)

| PARAMETER | SYMBOL | MIN | TYP | MAX | UNIT | CONDITIONS |
|---------------------------|-----------------|-----|------|-----|--------|------------|
| Forward Voltage | VF | | 1.8 | 2.4 | V | IF=20mA |
| Reverse Breakdown Voltage | BVR | 5 | | | V | IR=100 μA |
| Viewing Angle | θ 1/2 | | | | | |
| | X-axis | | 50 | | degree | IF=20mA |
| | Y-axis | | 25 | | degree | IF=20mA |
| Luminous Intensity | IV | 550 | 1000 | | mcd | IF=20mA |
| Peak Wavelength | λ_p | | 660 | | nm | IF=20mA |
| Spectral Line Half Width | $\Delta\lambda$ | | 20 | | nm | IF=20mA |



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