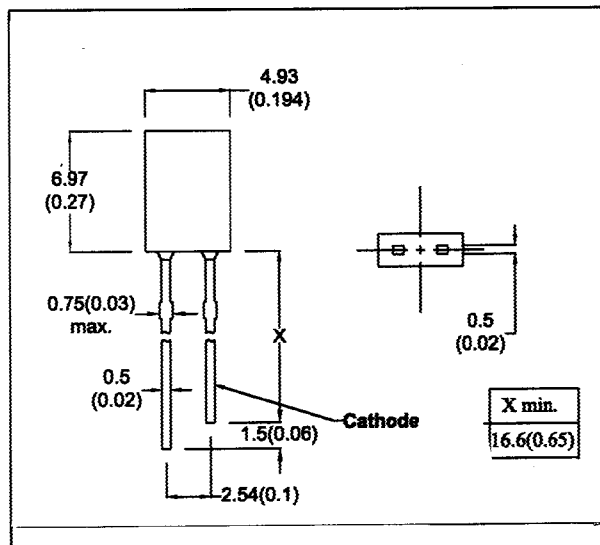


DESCRIPTION

MO63D & MO63DR is orange LED lamp encapsulated in a 1.9mmX4.8mm flangeless rectangular bars .

MO63D is orange chip with orange diffused lens.

MO63DR is orange chip 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

30mA

5V

-55 to +100°C

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

| PARAMETER | SYMBOL | MO63D | MO63DR | UNIT | CONDITIONS |
|---------------------------|------------|-------|--------|--------|------------|
| Forward Voltage | MAX VF | 3.0 | 3.0 | V | IF=20mA |
| Reverse Breakdown Voltage | MIN BVR | 5 | 5 | V | IR=100 μA |
| Luminous Intensity | MIN IV | 2.4 | 2.4 | mcd | IF=20mA |
| | TYP | 4.0 | 4.0 | mcd | IF=20mA |
| Peak Wavelength | TYP λp | 630 | 640 | nm | IF=20mA |
| Spectral Line Half Width | TYP Δλ | 40 | 40 | nm | IF=20mA |
| Viewing Angle | TYP 2Θ 1/2 | 172 | 172 | degree | IF=20mA |



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