

| | | | |
|------------------------|-----------------|--------------------|----------------------|
| Emitting Colour | Material | Case Colour | Viewing angle |
| red | GaP | Red diffused | 60° |

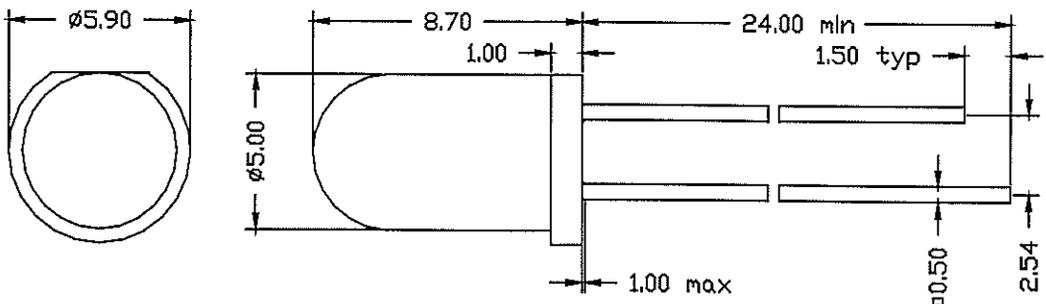
Optical and Electrical Characteristics at Ta = 25 °C

| Parameter | Luminous Intensity I _v (mcd) | | | | | | |
|------------------------|---|------|-----|------|------------------|----|----|
| | min | typ | max | | | | |
| I _f = 2 mA | | | | | | | |
| I _f = 10 mA | | | | | | | |
| I _f = 20 mA | 6.0 | 11.0 | | | | | |
| | min | typ | max | unit | condition | | |
| Peak Wavelength | | 700 | | nm | I _f = | 20 | mA |
| Dom. Wavelength | | 660 | | nm | I _f = | 20 | mA |
| Spectral Halfline | | 45 | | nm | I _f = | 20 | mA |
| Forward Voltage | | 2,1 | 2,4 | V | I _f = | 20 | mA |

Absolute Maximum Ratings at Ta = 25°C

| Parameter | | Unit | |
|--|-----------|--------|----------------------------------|
| Peak Forward Current $\tau < 10\mu\text{s}$ | 150 | mA | |
| Power Dissipation | 120 | mW | |
| Reverse Voltage | 5 | V | |
| Continuous Forward Current | 25 | mA | |
| Operating Temperature | -40 - +85 | °C | |
| Storage Temperature | -40 - +85 | °C | |
| Lead Soldering Temp. | ≤ 260°C | °C 3 s | > 3 mm from solder joint to case |

Package dimensions



Tolerance $\pm 0.25\text{mm}$ unless otherwise noted.

Technical data are subject to alteration without notice within the limits of the standards