

Feature

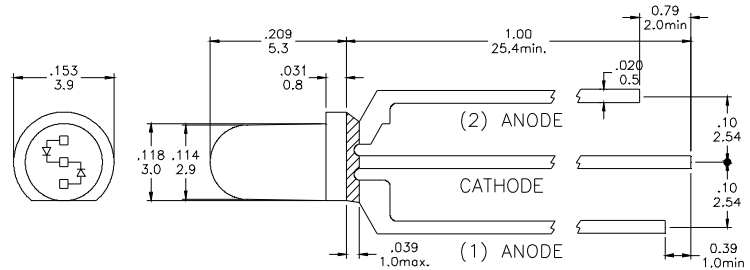
- § Low Power Consumption
- § High Intensity
- § I.C. compatible

Applications

- § Commercial Outdoor Sign Board
- § Front Panel Indicator
- § Backlight

Description

- § The (1)Yellow and (2)Green Chips are Matched For uniform Light Output
- § Water Transparent Lens Lens

Package Dimension


*Tolerance : $\pm \frac{0.01}{0.25}$ Unit : $\pm \frac{\text{inch}}{\text{mm}}$

Absolute Maximum Ratings at Ta = 25°C

| Symbol | Parameter | Max. | Unit |
|---|--|---------------|---------|
| PD | Power Dissipation | 100 | mW |
| VR | Reverse Voltage | 5 | V |
| IAF | Average Forward Current | 30 | mA |
| IPF | Peak Forward Current (Duty=0.1 , 1kHz) | 100 | mA |
| — | Derating Linear Form 25°C | 0.4 | mA / °C |
| Topr | Operating Temperature Range | - 40 to + 80 | °C |
| Tstg | Storage Temperature Range | - 40 to + 100 | °C |
| Lead Soldering Temperature [1.6mm (0.063inch) From Body] 260°C For 5 Seconds. | | | |

Electrical / Optical Characteristics and Curves at Ta = 25°C

| Symbol | Parameter | Test Condition | Min. | Typ. | Max. | Unit |
|--------|---------------------|----------------|------|------|------|------|
| VF | Forward Voltage | IF= 20 mA | Y | 2.1 | | V |
| | | | G | 2.1 | | |
| IR | Reverse Current | VR= 5 V | | | 50 | μA |
| IV | Luminous Intensity | IF= 20 mA | Y | 100 | | mcd. |
| | | | G | 30 | | |
| λ d | Dominant Wavelength | IF= 20 mA | Y | 585 | | nm |
| | | | G | 570 | | |