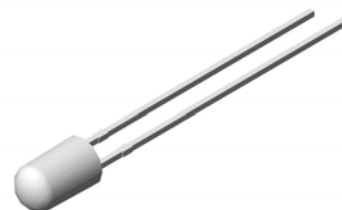


4.1mm x 3.0mm Oval LED Lamp

VT 72K6

Description

The oval shape LED produced with InGaN technology materials. Other than offering superb reliability, luminous intensity has been increased. This improvement is most suitable for outdoor applications such as outdoor display board, available with color diffused or water clear lens.




Features

- Superb viewing angle design
- High luminous intensity with color diffused lens
- Luminous intensity and color categorized
- With Stopper option
- RoHS compliance

RoHS



Electronic Optical Characteristics (at 20mA):

| Part Number | Emitted Color | λ (nm) | | Lens Color | Iv(mcd) | | View Angle (2 θ 1/2) | VF(V) | |
|-------------|--|----------------|-------------|------------|---------|------|-----------------------------|-------|------|
| | | λ_d | λ_p | | Min. | Max. | | Min. | Max. |
| VT 72K6 | Blue  | 470 | 468 | Tinted | 710 | 1400 | X:110 Y:50 | 2.8 | 3.6 |

Absolute Maximum Ratings (at Ta=25°C)

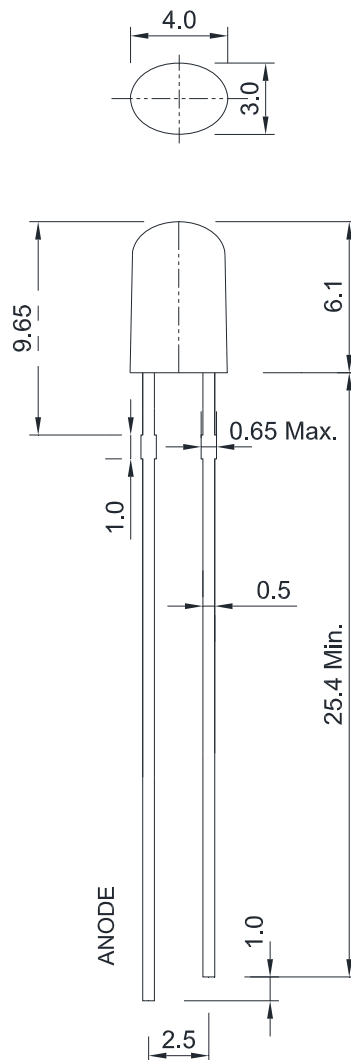
| P _D (mW) | I _{PF} (mA) | I _F (mA) | T _{sol} (°C) | I _R (uA)@V _R =5V | T _{opr} (°C) | T _{stg} (°C) |
|---------------------|----------------------|---------------------|-----------------------|--|-----------------------|-----------------------|
| 110 | 100 | 30 | 260 ± 5 for 5 sec | 50 | -40~+85 | -40~+100 |

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

* I_{PF}: Peak Forward Current under 1/10 duty, 1KHz condition

Package Dimension:

unit: mm

**Notes:**

1. All dimensions are millimeters.
2. Tolerance is $\pm 0.2\text{mm}$ unless otherwise specified.
3. Specifications are subject to change without notice.