

## 3mm Round Ultra Bright LED

**VT 3348.43**

### Description

This high brightness TRUE GREEN emitting LEDs are made from the most efficient InGaN technology. Its chip material is of InGaN technology, able to reach a high light output efficiency. These series of LEDs come in moisture resistance water clear lens while offering various viewing angles. Other than Bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.



### Applications

- Lighting indicator
- Status lights
- ON/OFF indicator
- Backlight illumination

RoHS



### Electronic Optical Characteristics (at 20mA):

| Part Number | Emitted Color | $\lambda$ (nm) |             | Lens Color | Iv(mcd) |      | View Angle (2 $\theta$ 1/2) | VF(V) |      |
|-------------|---------------|----------------|-------------|------------|---------|------|-----------------------------|-------|------|
|             |               | $\lambda_d$    | $\lambda_p$ |            | Min.    | Typ. |                             | Typ.  | Max. |
| VT 3348.43  | True-green    | 525            | 518         | Clear      | 560     | 810  | 45                          | 3.5   | 4.0  |

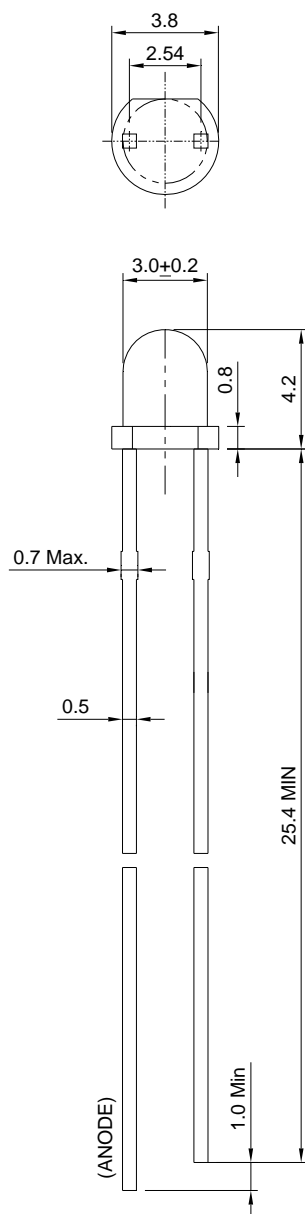
### Absolute Maximum Ratings at Ta=25°C

| Emitted Color      | P <sub>D</sub> (mW) | I <sub>F</sub> (mA) | ESD(V) | I <sub>r</sub> (uA)@V <sub>R</sub> =5V | Topr(°C) | Tstg(°C) |
|--------------------|---------------------|---------------------|--------|--|----------|----------|
| True Green (525nm) | 120                 | 25                  | 150    | 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.

## Package Dimension:

unit: mm



### Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is  $\pm 0.2$ mm unless otherwise specified.
3. Epoxy meniscus under flange is 1.5 mm max.
4. Specifications are subject to change without notice.