

## 3mm Round Super Bright LED

**VT 3258.40**

### Description

This brightness Blue emitting LEDs are made from InGaN technology. These series of LEDs come in moisture resistance color 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 3258.40	Blue 	470	468	Clear	380	600	40	3.5	3.8

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

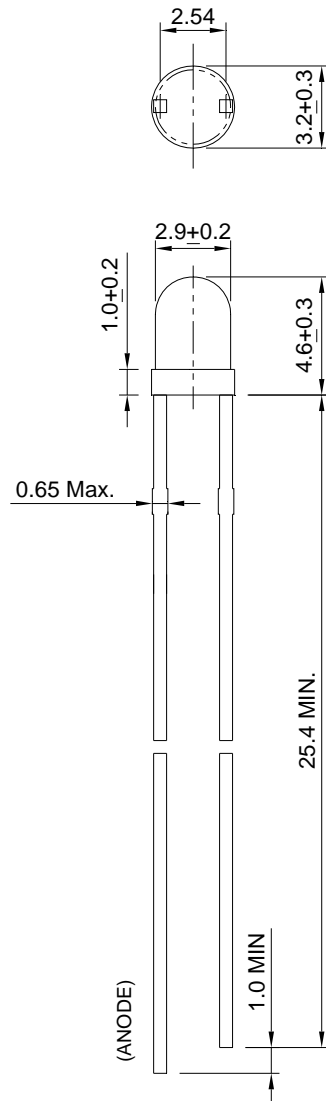
P <sub>D</sub> (mW)	I <sub>FP</sub> (mA)	I <sub>F</sub> (mA)	T <sub>sol</sub> (°C)	I <sub>R</sub> (uA)@V <sub>R</sub> =5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
90	100*	30	260±5 for 5 sec	50	-40~+85	-40+100

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<sub>FP</sub>: Peak Forward Current under 1/10 duty, 1KHz condition

## Package Dimension:

unit: mm



### Notes:

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