

## 3mm Round Bi-Color LED Non-Polarity

### VT 3L77

#### Description

The VT 3L77 is 3mm round without polarity Bi-Color LED Lamp. The chip material used in Red and Blue emitting is high efficiency AlGaInP and GaN material with brilliant light output. It has high reliability lead based package and available in full selection of colors, high intensity under low current condition





#### Applications

- TV Set
- Monitor
- Computer
- Telephone



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

Part Number	Emitted Color	$\lambda$ (nm)		Iv(mcd)		VF(Volt)		View Angle (2 $\theta$ 1/2)	Lens
		$\lambda_d$	$\lambda_p$	Min.	Typ.	Typ.	Max.		
VT 3L77	Red 	624	632	22	35	2.0	2.4	60	Milky
	Blue 	470	468	20	30	3.3	3.8		

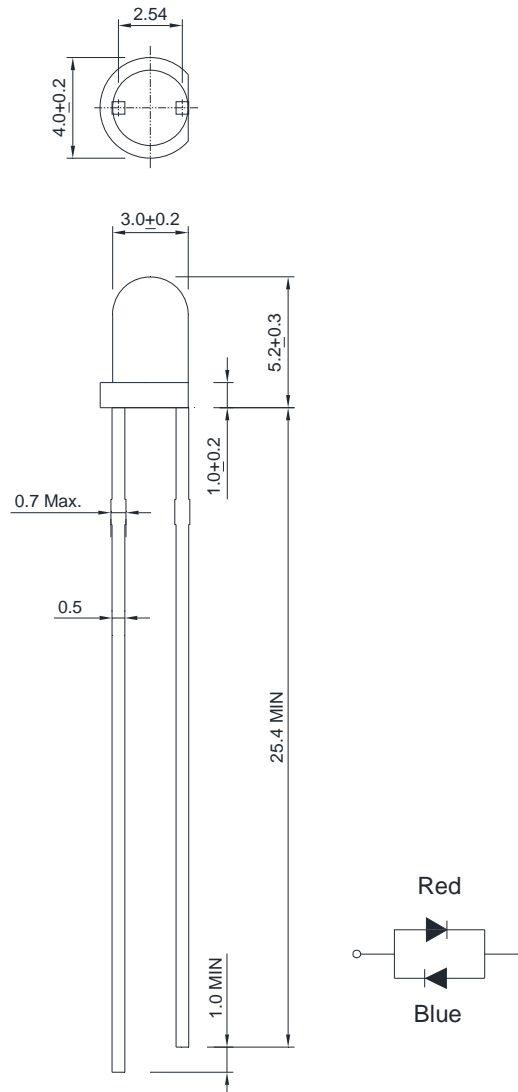
#### Absolute Maximum Ratings ( at Ta=25°C)

Emitted Color	P <sub>D</sub> (mW)	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)
Blue	90	25	260+/-5 5 sec	50	-40~+85	-40~+90
Red	60	25		10	-40~+85	-40~+90

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specify 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. Tolerance is  $\pm 0.2\text{mm}$  unless otherwise specified.
3. Specifications are subject to change without notice.