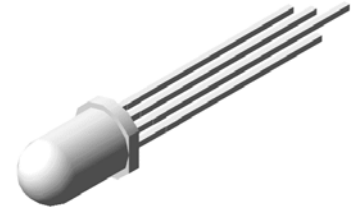


## 5mm Round RGB LED

### VT 5R67

#### Description

The VT 5R67 full color LED Lamp is design into 5mm round standard package. The chip material used AlGaInP technology for Red color and InGaN technology for True-green and Blue color. With such material ca be produce high efficiency with brilliant light output. Other than bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.






#### Applications

- TV Set
- Monitor
- Computer
- Telephone
- Game



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

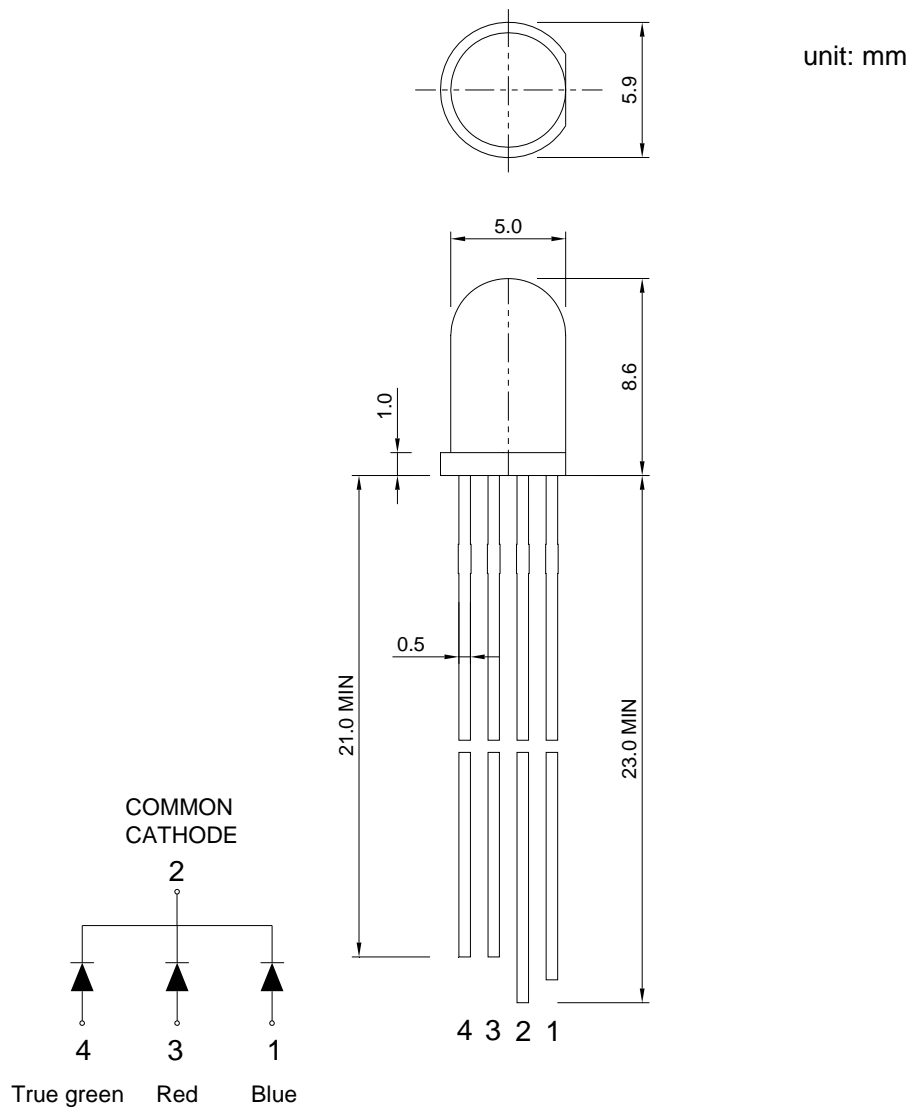
Part Number	Emitted Color	$\lambda$ (nm)		Lens Color	Iv(mcd)		View Angle (2 $\theta$ 1/2)	VF(V)	
		$\lambda$ d	$\lambda$ p		Min.	Typ.		Typ.	Max.
VT 5R67	Red 	624	632	Milky	560	810	50	2.0	2.4
	True-green 	525	518		710	1050		3.5	3.8
	Blue 	470	468		224	340		3.5	3.8

#### 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> ( $\mu$ A)@V <sub>R</sub> =5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	60	25	260 $\pm$ 5 5 sec	10	-40~+85	-40~+100
True-green	110	25		50	-40~+85	-40~+100
Blue	110	25		50	-40~+85	-40~+100

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:**



**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.