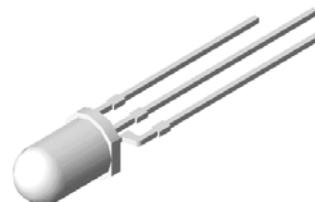


## 5mm Bi-Color LED C.C Configuration

### VT 5J77

#### Description

The VT 5J77 is 5mm Bi-Color LED Lamp. The chip material used in Red & Yellow-green emitting is high efficiency AlGaInP with brilliant light output. It has high reliability lead based package and available in full selection of colors, high intensity under low current condition. Other selection included common cathode or common anode and lead pitch is 2.54mm. Changes in viewing angle, luminous intensity and lens color is acceptable.





#### Applications

- TV Set
- Monitor
- Computer
- Telephone



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

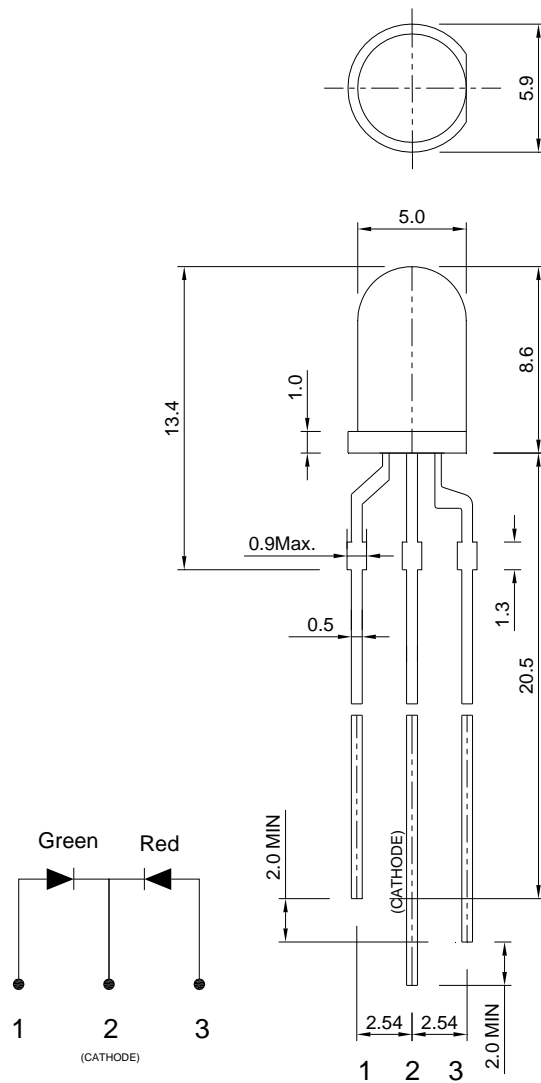
Part Number	Emitted Color	$\lambda$ (nm)		Iv(mcd)		VF(Volt)		View Angle (2 $\theta$ 1/2)	Lens
		$\lambda_d$	$\lambda_p$	Min.	Typ.	Typ.	Max.		
VT 5J77	Green 	573	575	18	45	2.0	2.4	60	Milky
	Red 	624	632	36	71	2.0	2.4		

#### 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	Topr (°C)	Tstg (°C)
Green	60	25	260+/-5 for 5 sec	10	-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.