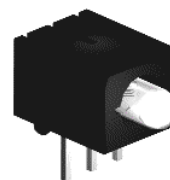


## 3mm Bi-Color LED Lamp Array

### VA 1J97

#### Main Features:

- ⊙ Low power consumption
- ⊙ Free combination on the color of LED Lamps.
- ⊙ Excellent character appearance
- ⊙ Long life solid state reliability
- ⊙ White diffused lens
- ⊙ AlGaInP technology
- ⊙ Common cathode configuration





#### Applications

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



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

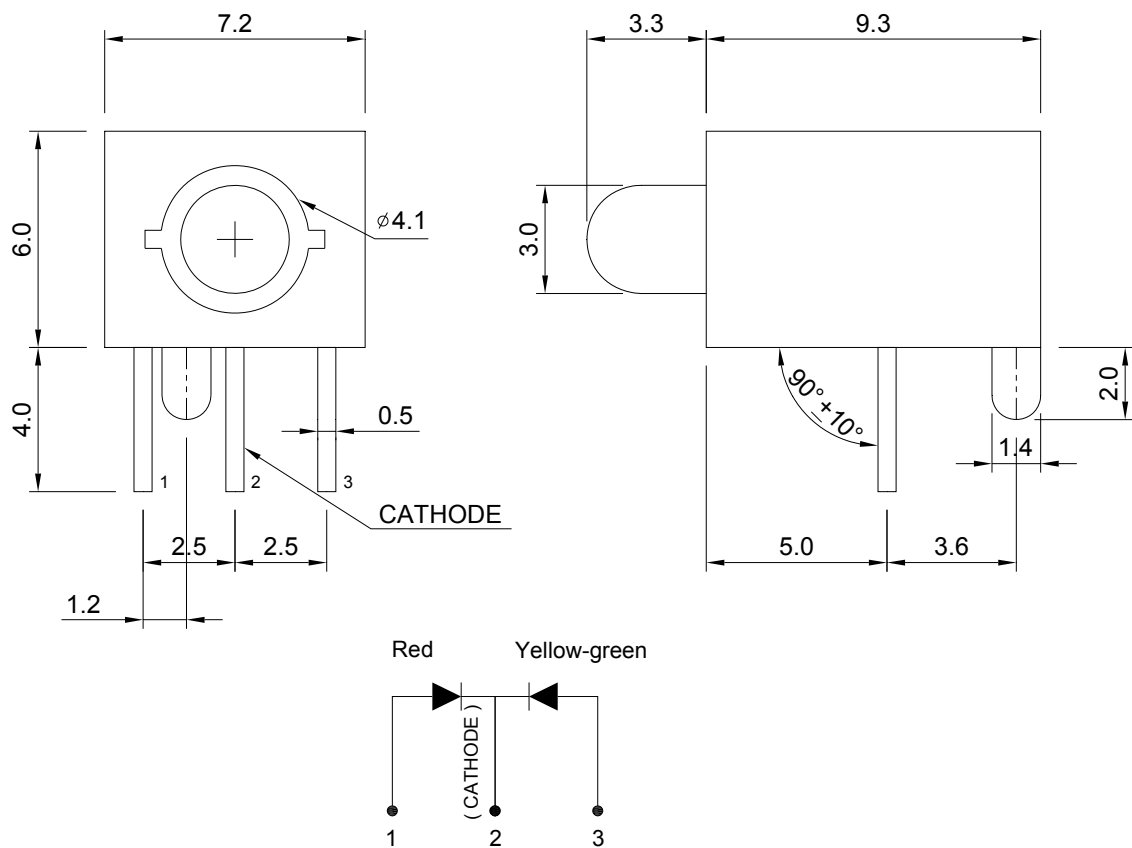
Part Number	Emitted Color	$\lambda$ (nm)		Iv(mcd)		VF(V)		View Angle (2 $\theta$ 1/2)	Lens
		$\lambda$ d	$\lambda$ p	Min.	Typ.	Typ.	Max.		
VA 1J97	Red 	624	632	25	50	2.0	2.4	70	White Diffuse
	Green 	573	575	16	32	2.0	2.4		

#### 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> ( $\mu$ A) @VR=5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	60	25	260 $\pm$ 5 for 5 sec.	10	-40~+85	-40~+90
Green	60	25		10	-40~+85	-40~+90

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.

unit: mm



**Notes:**

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Specifications are subject to change without notice.