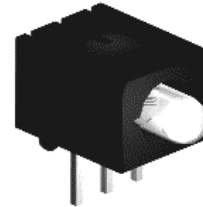


3mm Bi-Color LED Lamp Array

VA 1K97

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 (@ 20mA):

Part Number	Emitted Color	λ (nm)		Iv(mcd)		VF(V)		View Angle (2 θ 1/2)	Lens
		λ d	λ p	Min	Typ.	Typ.	Max.		
VA 1K97	Yellow 	589	591	22.4	50	2.0	2.4	70	White Diffuse
	Green 	573	575	18	35	2.0	2.4		

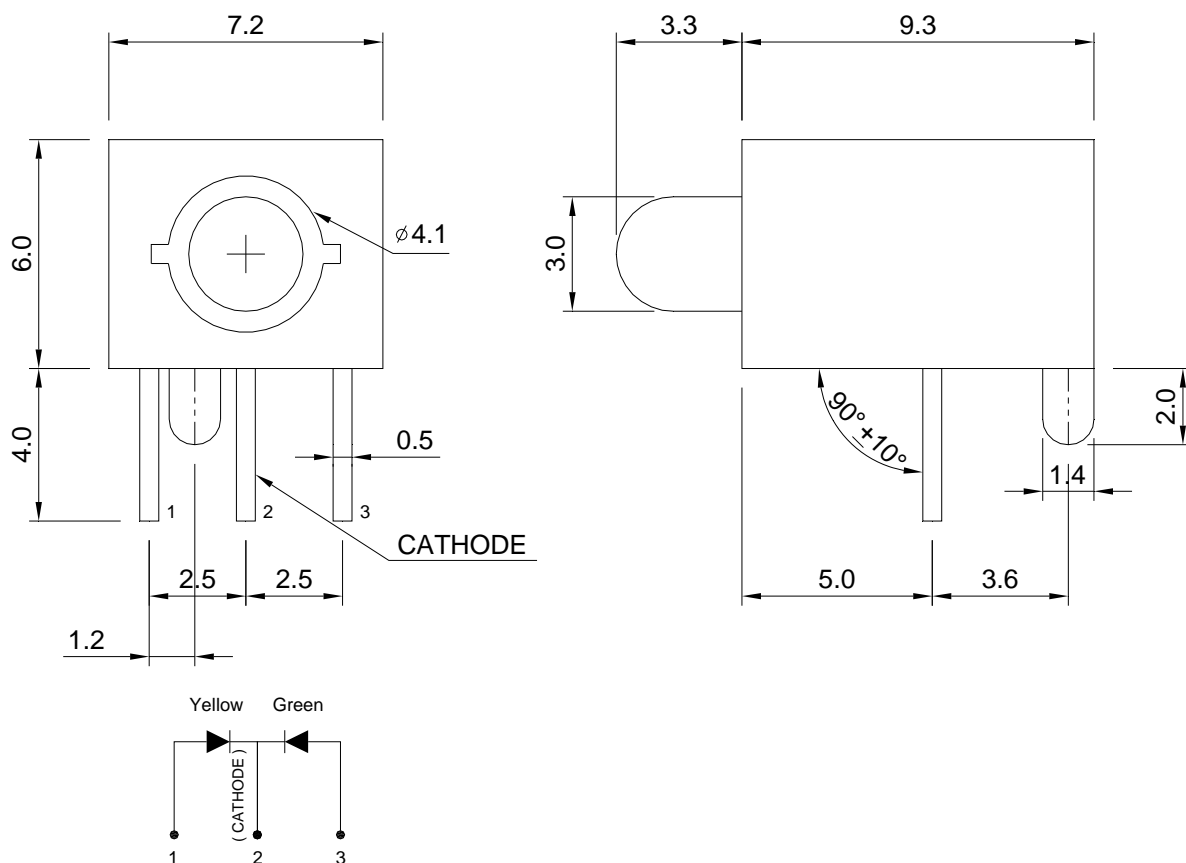
Absolute Maximum Ratings (@ Ta=25°C)

Emitted Color	P _D (mW)	I _F (mA)	T _{sol} (°C)	I _R (μ A) @VR=5V	T _{opr} (°C)	T _{stg} (°C)
Yellow	60	25	260 \pm 5 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.

Package Dimension:

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.