

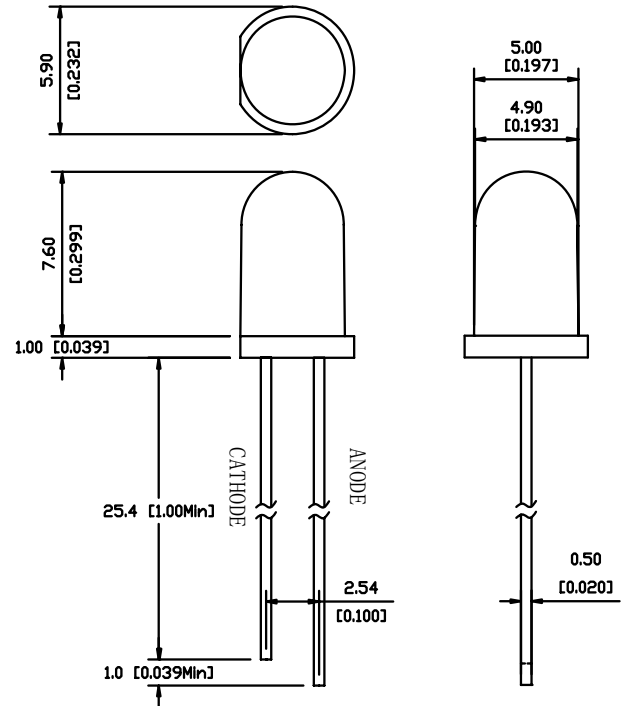


## JSL-502 Series(5mm round standard brightness LED lamp)

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

Parameter	Symbol	Rating	Unit
Forward Current	I <sub>F</sub>	25	mA
Power Dissipation	P <sub>d</sub>	60	mW
Reverse Voltage	V <sub>R</sub>	5	V
Peak Forward Current (Duty 1/10 @1KHZ)	I <sub>PF</sub>	150	mA
Operation Temperature	T <sub>OPR</sub>	-40 to +80	°C
Storage Temperature	T <sub>STG</sub>	-40 to +85	°C

### Package Dimensions:



### Features:

1. Standard brightness.
2. IC compatible /Low current capability
3. Long life solid state reliability.

### Description:

1. These LED lamps are available with a choice of different colors, light intensities, epoxy color, etc
2. General application for indication, illumination, etc

### Products List

Part Number	Dice material And color	Lens color	Peak Wavelength	V <sub>f</sub> (V) Typ	I <sub>v</sub> (mcd)		Viewing Angle 2 θ 1/2
					Min	Typ	
JSL-502HD	GaP/Red	Red diffused	700nm	2.25	2.0	5.0	60°
JSL-502GD	GaP/Green	Green diffused	570nm	2.20	10	20	60°
JSL-502YD	GaAsp/Yellow	Yellow diffused	585nm	2.10	10	20	60°
JSL-502ED	GaAsp/Orange	Red diffused	635nm	2.10	15	30	60°
JSL-502ED-E	GaAsp/Orange	Orange diffused	635nm	2.10	15	30	60°
JSL-502GT	GaP/Green	Green transparent	570nm	2.20	20	50	30°
JSL-502YT	GaAsp/Yellow	Yellow transparent	585nm	2.10	20	50	30°
JSL-502ET	GaAsp/Orange	Red transparent	635nm	2.10	30	80	30°
JSL-502ET-E	GaAsp/Orange	Orange transparent	635nm	2.10	30	80	30°