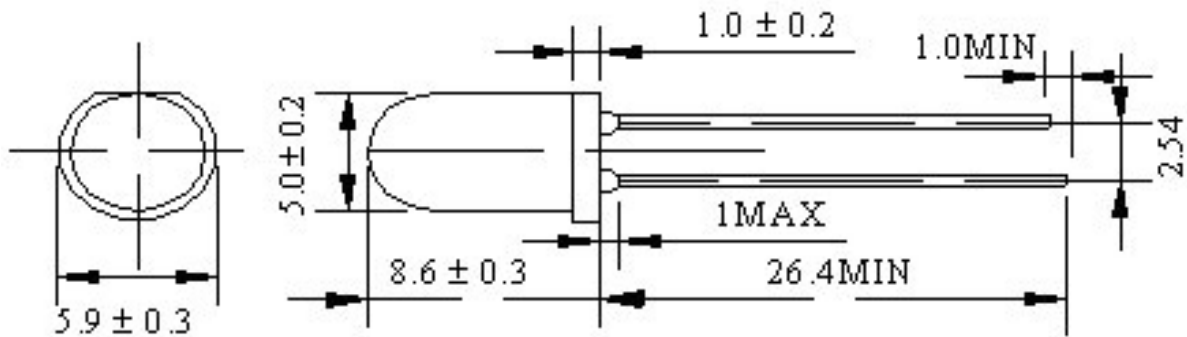


**□ Package Dimensions****NOTE:**

1. All dimensions are in millimeter.
2. Lead spacing is measured where the lead emerge from the package.

**□ Selection Guide**

Part NO.	Chip		Lens Color	Viewing Angle $2\theta_{1/2}$ (deg)
	Material	Emitted Color		
5-22WC35-40DSOL	AlGaInP	Super Red	Water clear	30



# Light Emitting Diode Lamp

Part No: 5-22WC35-40DSOL

## □ Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	MAX. Rating	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	50	mA
Pak forward current (10µs Pulse)	IFM	200	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	Topr	-40~+85	□
Storage Temperature	Tstg	-40~+85	□
Lead Soldering Temperature (1.6mm From Case Bottom 260°C For 5 SEC)			

## □ Electric-Optical Characteristics

Parameter	Symbol	Test Condition	MIN	TYP	MAX	Unit
Forward Voltage	VF	IF=20mA		2.0	2.6	V
Reverse Voltage	VR	IR=10uA	5			V
Luminous Intensity	IV	IF=20mA	3200	4500		mcd
Peak Emission Wavelength	λP	IF=20mA		640		nm
Spectrum Width Of Half Value	□λ	IF=20mA		20		nm

## □ Characteristics Diagrams

Super Bright Red (AlGaInP)

