

## TOH-30AG1-B

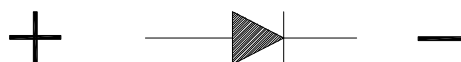
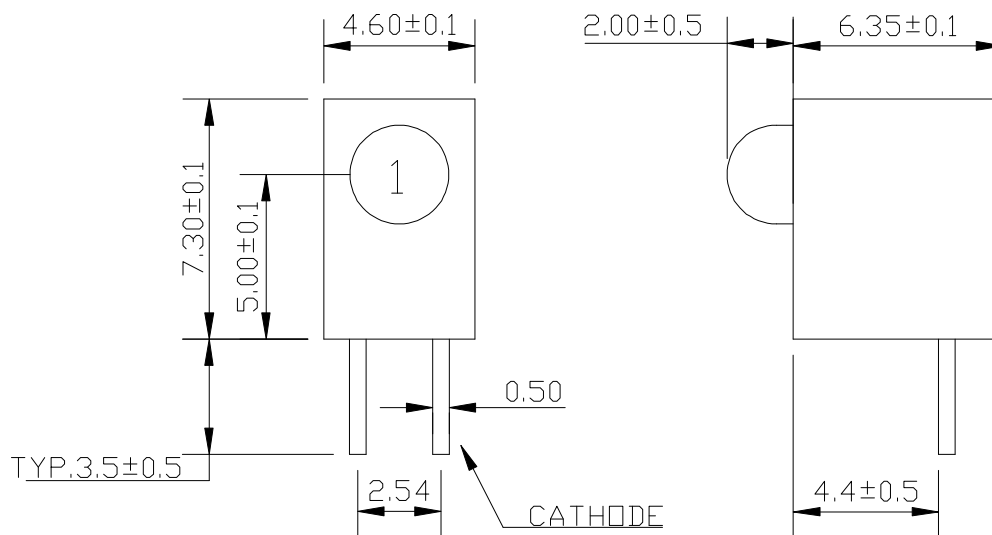
### Holder Lamp

Part Number	Chip		Lens Color
	Material	Source Color	
TOH-30AG1-B	GaP/GaP	Green	Green Diffused

### Features

- The TOH-30AG1-B is a holder and lamp production
- The lamp named TOL-30dHGaDA16-14.5, the holder model is TOH-30A
- Red emitting LED
- High efficiency LED,  $\phi 3\text{mm}$ , red diffused package
- The device are made with GaP/GaP light emitting diode

### Dimensions



#### Notes:

1. All dimensions are in millimeter.
2. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise noted

### Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Power Dissipation	75	mW
Continuous Forward Current	25	mA
Reverse Voltage	5	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +100°C	
IR Soldering Profile for Lead Free Soldering	260°C	

### Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I <sub>v</sub>	13	26		mcd	I <sub>F</sub> =20mA
Viewing Angle	2θ <sub>1/2</sub>		50		deg	I <sub>F</sub> =20mA
Dominant Wavelength	λ <sub>d</sub>		568		nm	I <sub>F</sub> =20mA
Spectral Line Half-Width	Δλ		30		nm	I <sub>F</sub> =20mA
Forward Voltage	V <sub>F</sub>		2.25	2.5	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>			10	μA	V <sub>R</sub> =5V