

TOH-30AO1-B

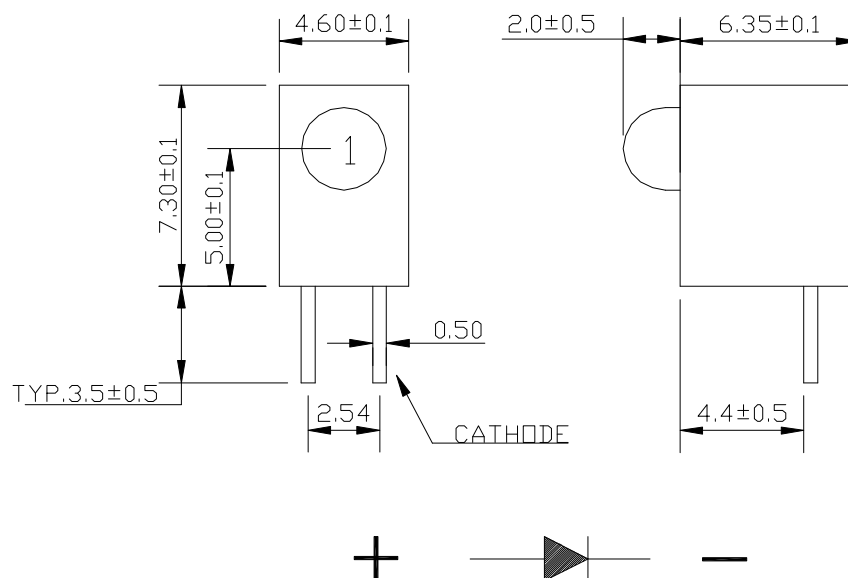
Holder Lamp

Part Number	Chip		Lens Color
	Material	Source Color	
TOH-30AO1-B	GaP/GaP	Orange	Orange Diffused

Features

- The TOH-30AG1-B is a holder and lamp production
- The lamp named TOL-30dHoaDAa, 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 _v	20	40		mcd	I _F =20mA
Viewing Angle	2θ _{1/2}		50		deg	I _F =20mA
Dominant Wavelength	λ _p		632		nm	I _F =20mA
Spectral Line Half-Width	Δλ		35		nm	I _F =20mA
Forward Voltage	V _F		2.25	2.5	V	I _F =20mA
Reverse Current	I _R			10	μA	V _R =5V