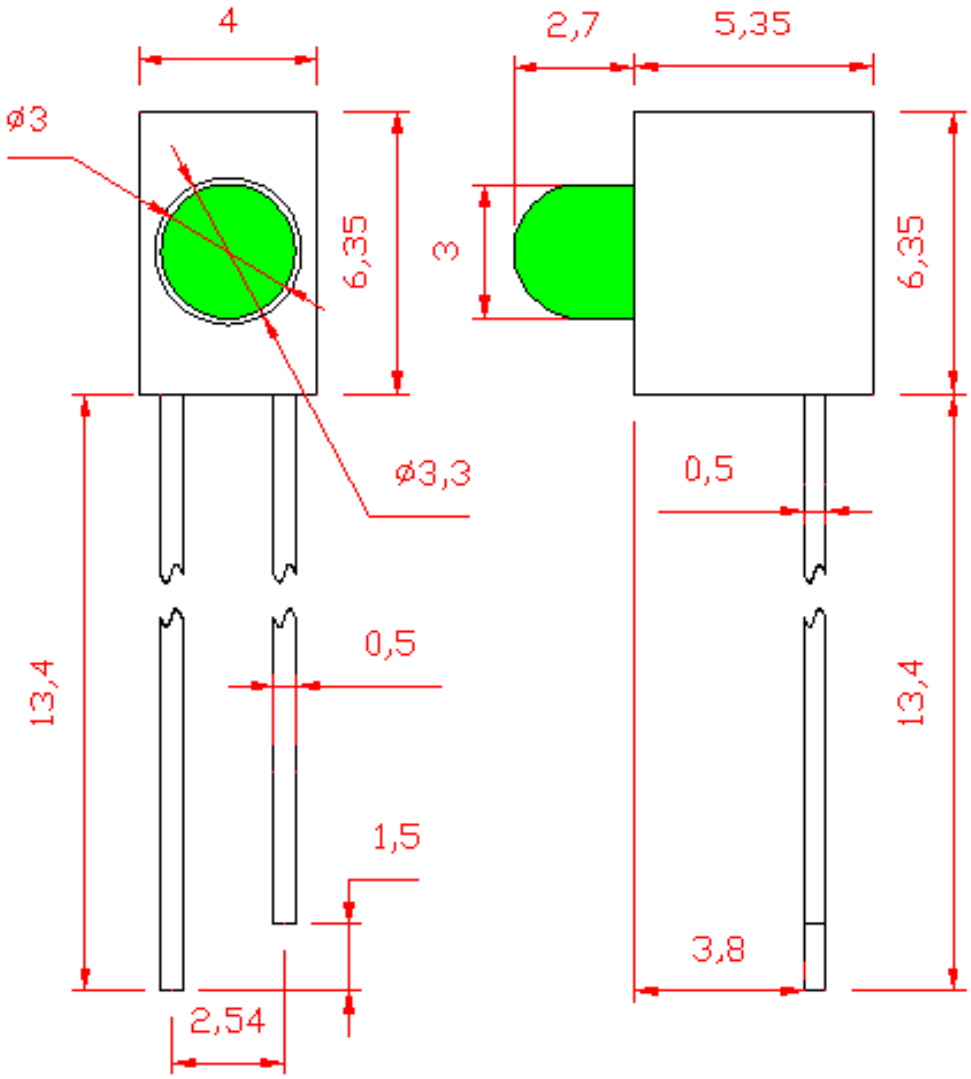
SLH-0306210-R32-H

PACKAGE DIMENSION

Pb-free



NOTES:

1. All dimensions are in millimeter(inch);
2. Tolerance is ±0.25mm(0.01″) especially other specified;
3. Specifications are subject to change without notice.

Selection Guide

Part No.	Chip：		Lens Color	Iv(mcd)(I_F=20mA)			Viewing Angle (2θ½)
	Raw Material	Emitted Color		MIN	TYP	MAX	
SLH-0306210-R32-H	GaP	Yellow Green	Green Diffused	20	40	-	50º

Absolute Maximum Ratings(Ta=25Cº)

Item	Symbol	Maximum	Unit
Power Dissipation	P_D	65	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I_{FP}	140	mA
Continuous Forward Current	I_{Fmax}	25	mA
Reverse Voltage	V_R	5	V
Capacitance	C	15	pF
Operating / Storage Temperature Range	Topr / Tstg	-40ºC to +85ºC	
Lead Solder Temperature	Tsol	260ºC for 3 seconds	

Electrical / Optical Characteristics(Ta=25Cº)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Peak Wavelength	λp	-	568	-	nm	I_F=20mA
Dominant Wavelength	λd	565	572	575	nm	I_F=20mA
Forward Voltage	V_F	1.8	2.3	2.6	V	I_F=20mA
Reverse Current	I_R	-	-	10	uA	V_R=5V

NOTES:

1. Luminous intensity tolerance is ±10%;
2. Dominant Emission Wavelength tolerance is ±5%; Specifications are subject to change without notice.