

TOL-56RPGKD

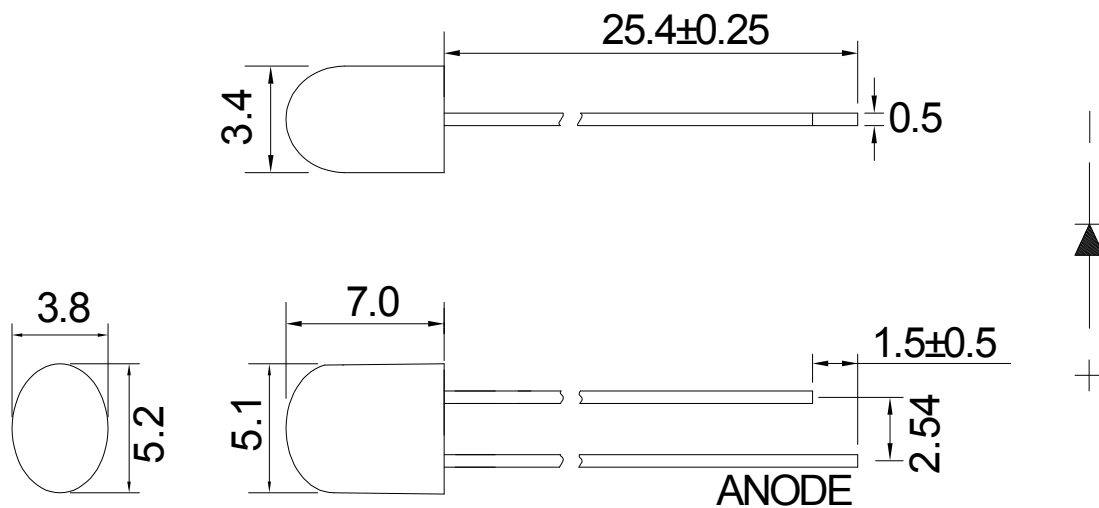
Lamp LED

Part Number	Chip		Lens Color
	Material	Source Color	
TOL-56RPGKD	AlGaInP	GREEN	Green diffused

Features

- I.C. compatible
- Low power consumption
- Compatible with wave soldering process
- (3.8mm*5.2mm) oval package
- Long life, stable and reliable
- RoHS compliant

Dimensions



Notes:

1. All dimensions are in millimeter.
2. Tolerance is ±0.25mm 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	105	mW
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-40°C to +105°C	
Wave Soldering Profile For Lead-free Soldering	260°C for 5 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v		1700		mcd	I _F =20mA
Viewing Angle	2θ _{1/2H-H}		100		deg	I _F =20mA
	2θ _{1/2V-V}		50			
Dominant Wavelength	λ _d		525		nm	I _F =20mA
Spectral Line Half-Width	Δλ		30		nm	I _F =20mA
Peak Wavelength	λ _p		515		nm	I _F =20mA
Forward Voltage	V _F		3.0		V	I _F =20mA
Reverse Current	I _R			10	μA	V _R =5V

* Please refer to CIE 1931 chromaticity diagram.