

# TOL-34EPGCD

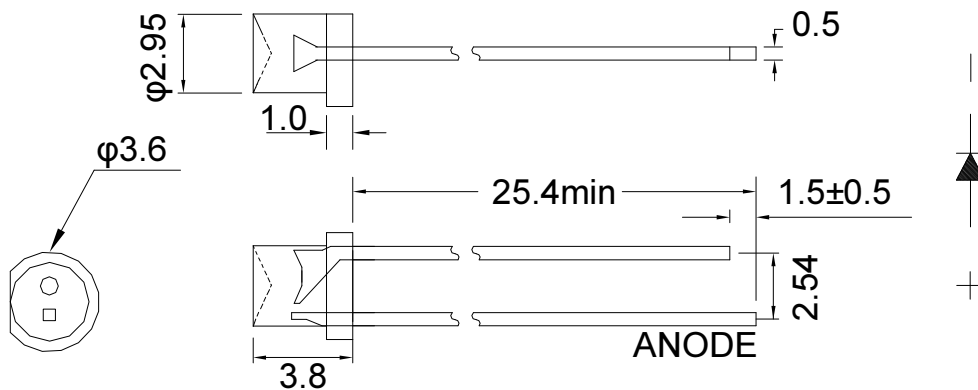
## Lamp LED

Part Number	Chip		Lens Color
	Material	Source Color	
TOL-34EPGCD	InGaN	Pure Green	Green Diffused

### Features

- I.C. compatible.
- Low power consumption.
- Compatible with wave soldering process.
- 3.0mm diameter package.
- Long life, stable and reliable.
- RoHS compliant.

### Dimensions



#### Notes:

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

### Absolute Maximum Rating @ Ta=25°C

Parameter	Symbol	Value	Unit	Test Condition
Peak Forward Current	$I_{fp}$	100	mA	1/10 duty cycle@1kHz
Power Dissipation	$P_v$	105	mW	$T_{amb} \leq 60^{\circ}C$
Continuous Forward Current	$I_f$	20	mA	
Junction Temperature	$T_j$	105	°C	
Operating Temperature Range	$T_{amb}$	-40 to +85	°C	
Storage Temperature Range	$T_{stg}$	-40 to +105	°C	
Wave Soldering Profile For Lead-free Soldering	$T_{sd}$	260°C	°C	$3s \leq t \leq 5s, 3mm$ from body

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

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	250		330	mcd	$I_F=20mA$
Viewing Angle	$2\theta_{1/2}$		150		deg	$I_F=20mA$
Dominant Wavelength	$\lambda_d$	510	525	530	nm	$I_F=20mA$
Spectral Line Half-Width	$\Delta\lambda$		25		nm	$I_F=20mA$
Forward Voltage	$V_F$		3.5	4.0	V	$I_F=20mA$
Reverse Current	$I_R$			10	$\mu A$	$V_R=5V$