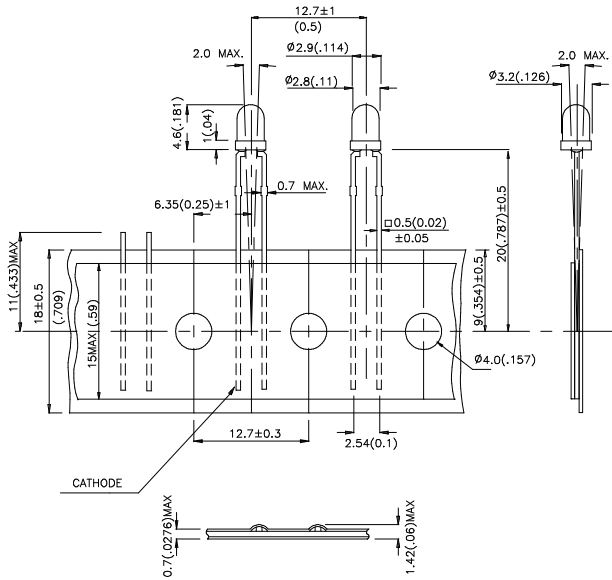


Package Dimensions

T-1 (3mm) TAPE AND REEL LED LAMP

E934SGD12VTNR254

SUPER BRIGHT GREEN



Features

- FOR THE USE OF AUTOMATIC INSERTION MACHINE.
- 2.54mm STRAIGHT LEAD.
- LED LAMPS ALSO AVAILABLE IN TAPE & BOX PACKAGE.

Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.25(0.01") unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

Description

The Super Bright Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

Selection Guide

Part No.	Emitting Color +Material	λD(nm)	Lens Type	Iv (mcd) V=12V		Viewing Angle
				Min.	Typ.	
E934SGD12VTNR254	GaP	568	GREEN DIFFUSED	8	20	2θ 1/2 60°

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at $T_A=25^\circ\text{C}$

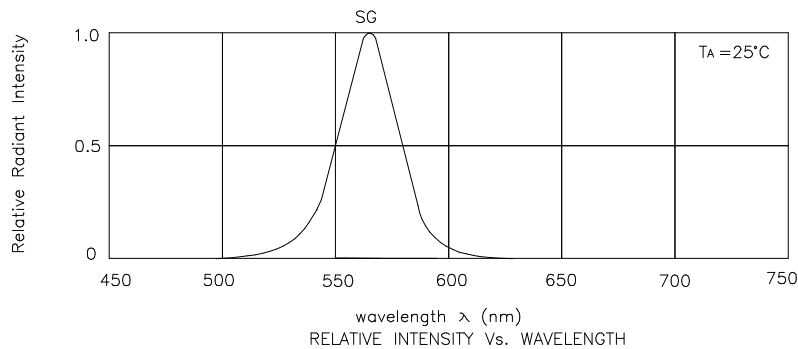
Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Super Bright Green	565		nm	$V_F=12\text{V}$
λ_D	Dominate Wavelength	Super Bright Green	568		nm	$V_F=12\text{V}$
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Super Bright Green	30		nm	$V_F=12\text{V}$
I_F	Forward Current	Super Bright Green	8.5	11.5	mA	$V_F=12\text{V}$
I_R	Reverse Current	Super Bright Green		10	μA	$V_R=5\text{V}$

Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

Parameter	Super Bright Green	Units
Power dissipation	120	mW
Forward voltage	14	V
Reverse voltage	5	V
Operating Temperature	-40 °C To +70 °C	
Storage Temperature	-40 °C To +85 °C	
Lead Solder Temperature [1]	260°C For 5 Seconds	

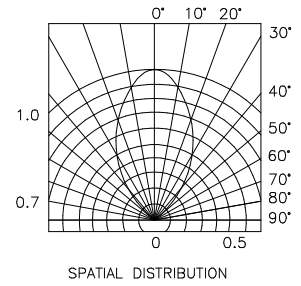
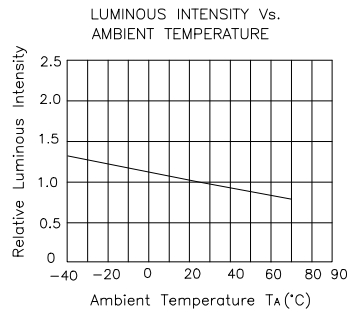
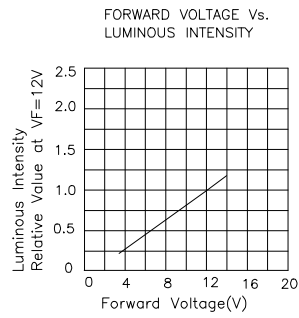
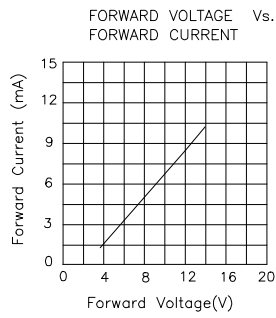
Note:

- 2mm below package base.



Super Bright Green

E934SGD12VTNR254



Reel Dimensions

E934SGD12VTNR254

