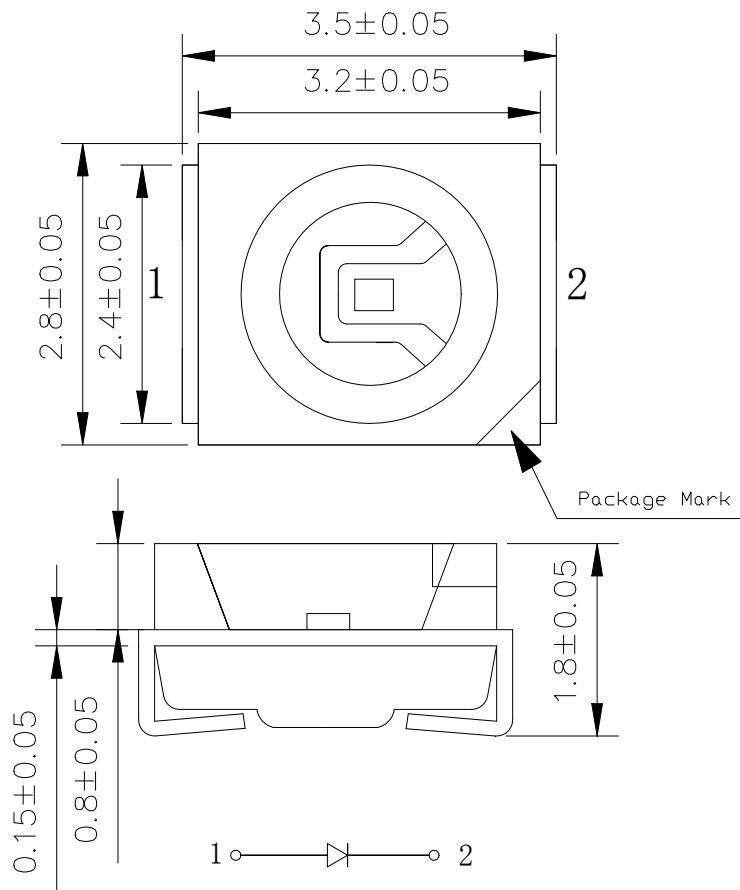


1、描述Description:

- Package (L/W/H) : $3.5 \times 2.8 \times 1.8\text{mm}$
- Color : Ultra Bright Green
- Lens: Water Clear Flat Mold
- EIA STD Package
- Meet ROHS, Green Product
- Compatible With SMT Automatic Equipment
- Compatible With Infrared Reflow Solder And Wave Solder Process

2、外形尺寸 Dimensions



单位(Units):毫米(mm)

Part No. (产品编号)	Lens Color (胶体颜色)	Emitting Color (发光颜色)
VH-3528GVC	Water Clear (无色透明)	Green (绿色)

Notes:

- 1、 All dimensions are in millimeters ;
- 2、 Tolerance is ± 0.10 mm unless otherwise noted.

3、 光电特性 Electrical / Optical characteristics

(1) 最大限度额定值 Absolute Maximum Ratings (TA=25°C)

Parameter	Symbol	Rating	Unit
功率消耗Power Dissipation	Pd	350	mW
正向峰值电流Pulse Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFP	150	mA
直流正向电流DC Forward Current	IF	30	mA
反向电压Reverse Voltage	VR	9	V
工作温度Operating Temperature	Topr	- 40°C ~ + 85°C	°C
贮藏温度Storage Temperature	Tstg	- 40°C ~ + 85°C	°C
焊接温度Soldering Temperature	Tsol	260°C for 3 sec.	

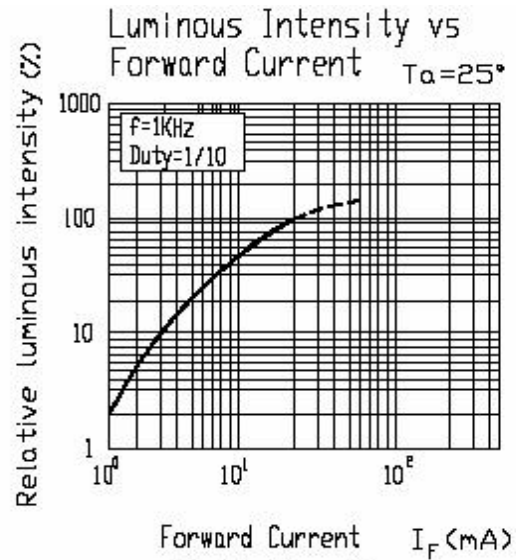
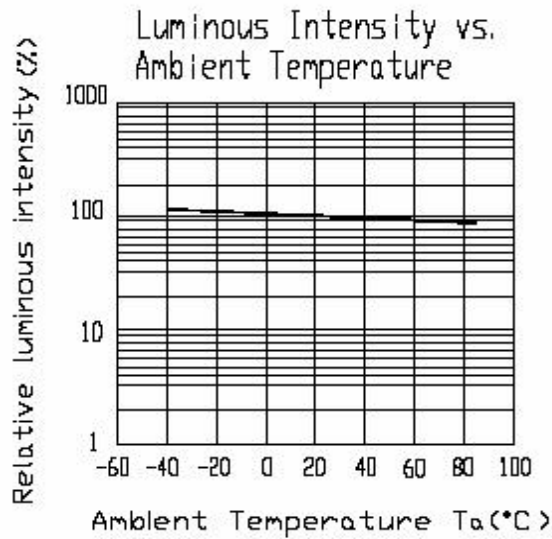
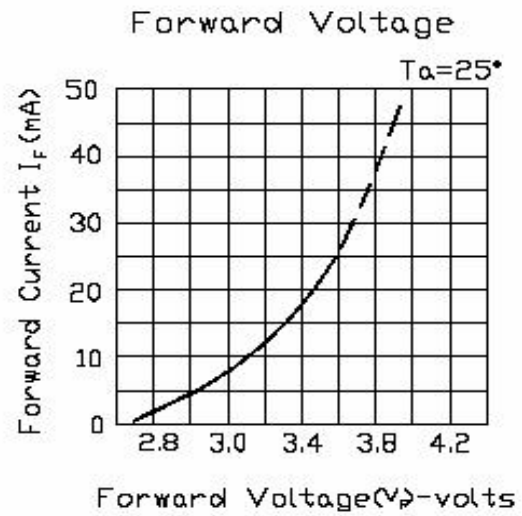
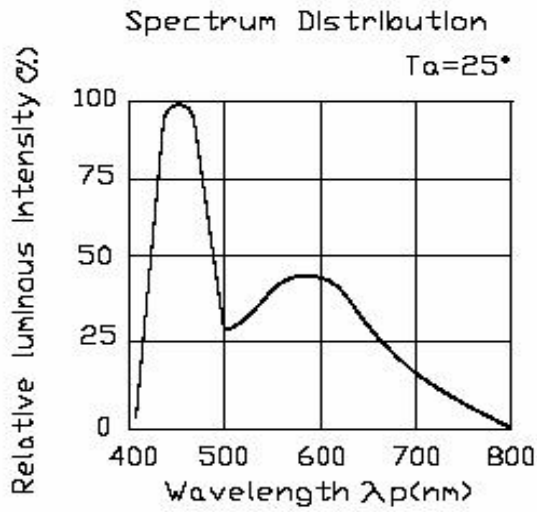
(2) 光电参数Initial Electrical/Optical Characteristics (TA=25°C)

项目 Item	符号 Symbol	颜色 Color	最小值 Min.	规格值 Typ	最大值 Max.	单位 Units	测试条件 Test Condition
发光强度 Luminous Intensity	IV	R	1000	...	1500	Mcd	IF=60mA
主波长 Dominate Wavelength	λD	R	...	525	...	Nm	IF=60mA
峰值波长 Peak Wavelength	λp	R	523	...	527	Nm	IF=60mA
半波宽度 Spectral Line Half- Width	$\Delta \lambda$	R	...	...	...	Nm	IF=60mA
正向电压 Forward Current	VF	R	3.0	...	3.4	V	IF=60mA
反向电流 Reverse Current	IR	R	...	...	5	μA	VR=5V
发光角度 Viewing Angle	2 θ 1/2	...	...	120	...	Deg	IF=60mA

Notes:

- 1、 Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 2、 θ 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3、 The dominant wavelength, λd is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.

4、 特性曲线 Characteristic curve



Forward Current Derating Curve

