



Dongguan Zhiding Electronics Technology Co., LTD

No. 8, Yinling Industry Zone, Xiaqiao, Dongcheng District,

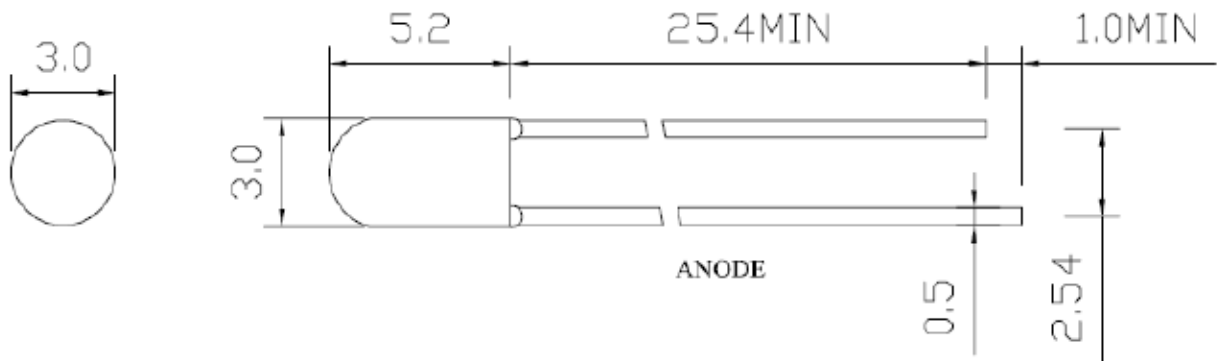
Dongguan, Guangdong, China

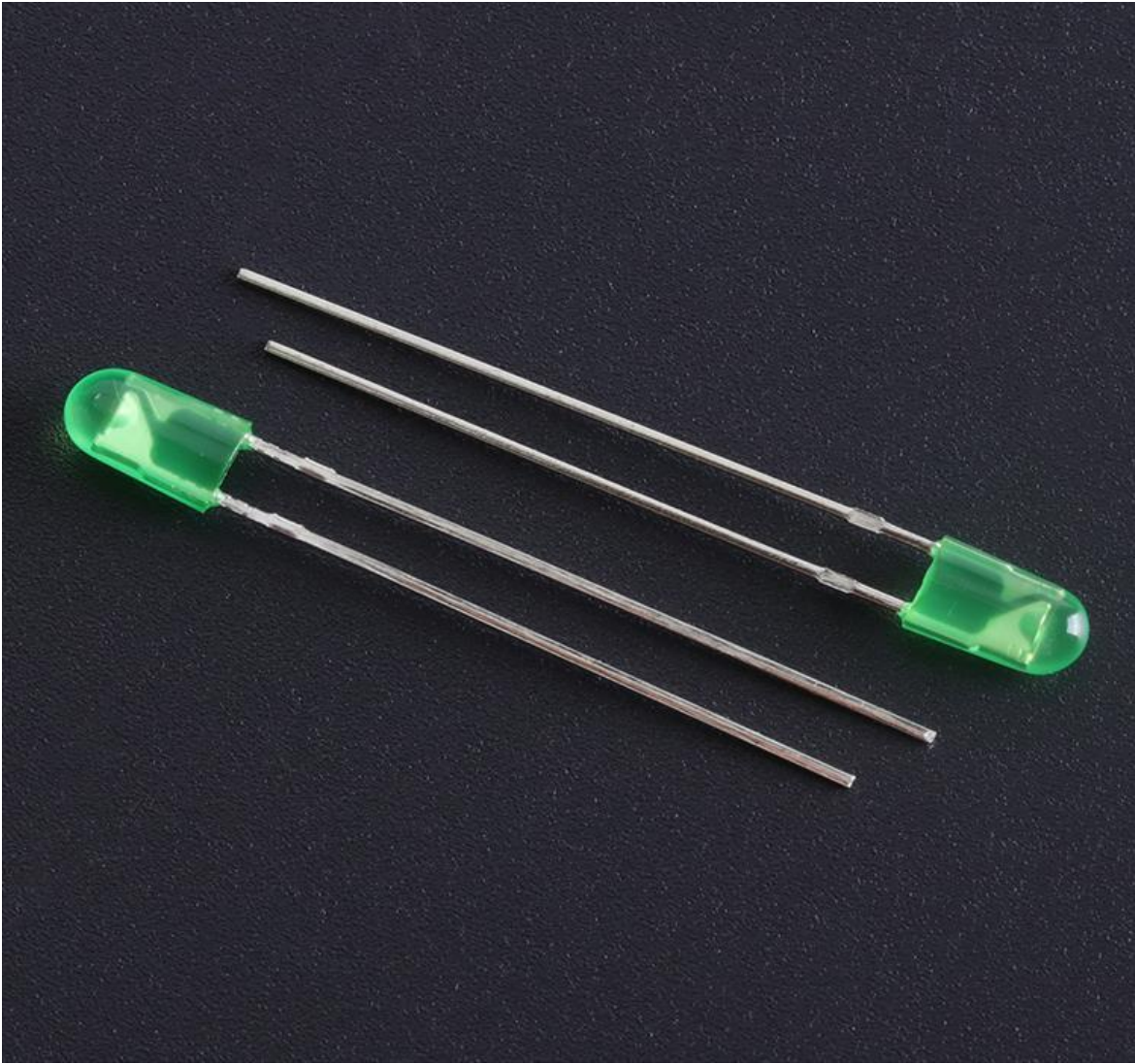
Tel:86-0769-22665151 Fax:86-0769-22665155 Contact: Elsa Xiao Email: sales@zhidingled.com

No frame 3mm green led

This 3mm green LED is designed for models, sign lighting, indicator lights, and other small projects.

Part Number: AL-L131SUGC/AL-L131SUGD





It has an output of 14,000mcd and a dominant wavelength of 525nm. The T1 through-hole 3mm LED has a clear or transparent lens and emits a 30° beam of illumination. It has a typical forward voltage of 3.2V at 20mA and a peak forward current of 100mA. Use of a resistor or other current-limiting device is crucial to prevent premature LED failure. Component LEDs are sensitive electronic devices and require some knowledge of electronic circuits to operate.

■ Electrical/Optical Characteristics at Ta=25°C:

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20mA$	10000	20000	—	mcd
Dominant Wavelength	λ_d	$I_F=20mA$	515	—	530	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	—	30	—	deg
Forward Voltage	V_F	$I_F=20mA$	2.8	3.1	3.4	V
Reverse Current	I_R	$V_R=5V$	—	—	50	μA

Notes:

1. Tolerance of Luminous Intensity $\pm 10\%$
2. Tolerance of Forward Voltage $\pm 0.1V$

ZHIDING Provide High Quality LED Diodes, and offer One-Year warranty.

Red, Yellow, Green and Orange Led's works on 1.8 to 2 volts, White, Blue and Purple need 3 to 3.5 volts for proper operation. All 3mm LED's operate on 20ma except 3mm Flashing that work on 10 ma, A current limiting resistor should be used when lighting LED's in most applications. To find the correct resistor subtract led working voltage from your source voltage then divide by .02 for 20ma, use a resistor equal to that amount or greater, do not use a smaller resistor. If there are any questions we are always more than willing to help if possible.

Ultra Bright Lighting, low Energy Consumption and Low Heat.

Industrial Standard Size, 25.4mm standard long feet for widely used and convenient for operation.

Soldering Condition (Manual Soldering): Less Than 3 Seconds With 482°F-527°F

Soldering Condition (Reflow Soldering): Less Than 5 Seconds With 500°F

Storage Conditions: Drying Preservation And Keep Away From Fire Or High Temperature.

How to contact us?

How To Process



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