



Dongguan Zhiding Electronics Technology Co., LTD

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Ultraviolet 5mm UV led

Dongguan Zhiding Electronics Technology Co., Ltd Provide high quality 5mm dip UV 400-410nm led. We have stock, fast delivery time is our advantage.

5mm UV led Features:

Chip Material: InGaN

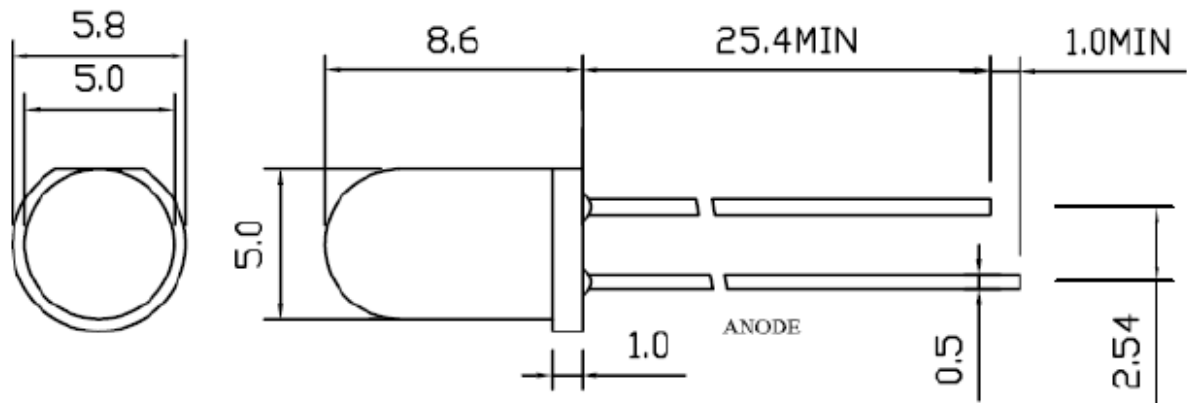
Lens Color: Water Clear

Source Color: Purple

Pb free

The product itself will remain within RoHs compliant version

Package Dimensions



Unit: (mm)

Tolerance: ± 0.25 mm

Technical Parameter:

RoHS Approved 5mm Round DIP UV LED Lamp

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

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20\text{mA}$	200	400	—	mcd
Peak Wavelength	λ_p	$I_F=20\text{mA}$	400	—	415	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	—	20	—	deg
Forward Voltage	V_F	$I_F=20\text{mA}$	3.0	3.5	4.0	V
Reverse Current	I_R	$V_R=5\text{V}$	—	—	10	μA

Notes:

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

Applications:

1. Medical equipment, Nail dryer register form;
2. Decoration, gifts, signage, , flashlights, signaling devices, information panels;
3. lighting;
4. Lighting of liquid crystal displays of mobile phones, calculators, PDAs, printers, bicycles, toys, lighting switches;
5. Automotive;
6. Commercial outdoor advertising;
7. Front panel indicator and general purpose.



PRODUCTION PROCESS



Die Bond



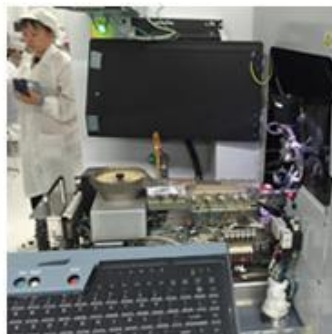
Wire Solder



Compression Moulding



Taping



Spectrometer



Slicing

Precautions:

Take note of the following in use of LED

Temperature in use

Since the light generated inside the LED needs to be emitted to outside efficiently, a resin with high light transparency is used; therefore, additives to improve the heat resistance or moisture resistance (since gel, etc) which are used for semiconductor products such as transistors cannot be added to the resin.

Consequently, the heat resistant ability of the resin used for LED is usually low; therefore, please be careful on the following during use.

Avoid applying external force, stress, and excessive vibration to the resins and terminals at high temperature. The glass transition temperature of epoxy resin used for the LED is approximately 120-130 °C.

At a temperature exceeding this limit, the coefficient of linear expansion of the resin doubles or more compared to that at normal temperature and the resin is softened.

If external force or stress is applied at that time, it may cause a wire rupture.

More high power UV LEDs for customer's choose

RELATED PRODUCTS



High Power UV
365nm LED



High Power UV
405nm LED



High Power UV
4040 LED



High Power UV C LED

WHY CHOOSE US



Customized design is available, OEM and ODM are welcomed.



We have best production capability, best quality control, best service.



Reply your inquiry in 24 working hours.



Customized design is available, OEM and ODM are welcomed

CERTIFICATION



ABOUT US

Dongguan Zhiding Electronics Technology Co., LTD is a high-tech enterprise specialized in manufacturing, designing and selling high quality LED lighting and LEDrelated products. Zhaoqing Factory has more than 1000 employees, including more than 80 technicians focused on research and development.

We have advanced testing equipment, can be "normal temperature continuous light life test", "high temperature and high humidity cycle test", "cold and hot shock cycle test" and "high and low temperature storage test", "high and low temperature continuous light test", "salt spray test" and reliability test, for all kinds of product reliability test of periodic on a regular basis, provides the high quality for our product quality assurance.



COOPERATIVE CLIENT

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Machine Vision

USI[®]
Realizing IDEAS Together

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TOPBAND

GIROD

vtech[®]

Our service

1. 3 years warranty
2. 5 years technical service team

3.professional sales team

4.Free Sample is available

5.Fast delivery

6.Aiming at the consult of "high quality, zero defect", give you the best quality, best service.

Pre-sales: recommend suitable specifications according to customer requirements, customers test samples after confirming specifications;

Sales: arrange production according to the quantity of customer demand, follow up the production progress and feedback to the customer. After the production is completed, coordinate with the customer to arrange the transport mode and follow up the transportation situation until the customer signs the goods;

After-sales: Follow-up the use of the products.

WELCOME TO CONTACT US>>>>WWW.ZHIDINGLED.COM



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