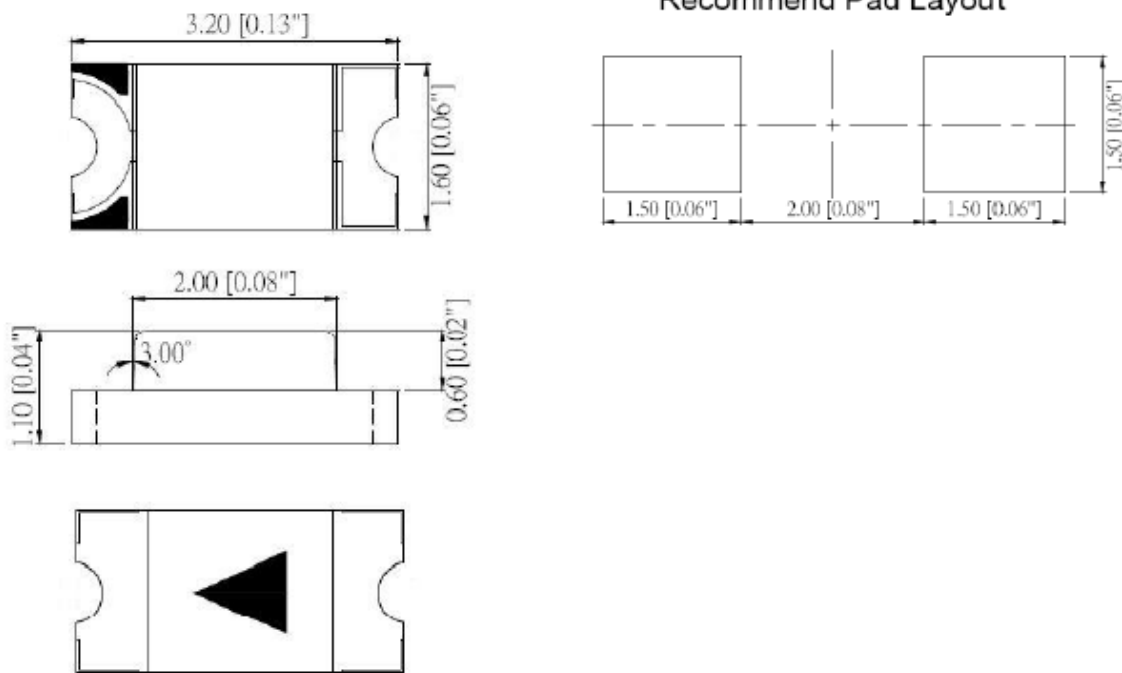


1206 smd led datasheet

The 1206 SMD is a very small LED that is used in many types of today's popular electronics. The famous is reverse mount type, only 1206 led have reverse type.

■ Package Dimensions:



1206 LED Basic Features:

- 1) Silvering of bracket $\geq 100\mu$, the reflector surface is clean and smooth with uniform and brightness
- 2) Light decay rate $< 1\%$
- 3) Consistent: light, wave, angel, color is consistent
- 4) 120° No Chip color bias
- 5) Pass the lead-free reflow soldering. it's suit to the automatic SMT
- 6) Heat& electric seperation design, good heat dissipation, suit to the automatic SMT
- 7) Heat& electric seperation design, good heat dissipation

Below is basic specification for 1206 red blue bicolor led

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

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20\text{mA}$	60	120	—	mcd
Dominant Wavelength	λ_d	$I_F=20\text{mA}$	620	—	630	nm
Forward Voltage	V_F	$I_F=20\text{mA}$	1.8	—	2.4	V
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	—	120	—	deg
Reverse Current	I_R	$V_R=5\text{V}$	—	—	10	μA

Notes:

1. Tolerance of Luminous Intensity $\pm 15\%$
2. Tolerance of Forward Voltage $\pm 0.1\text{V}$

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

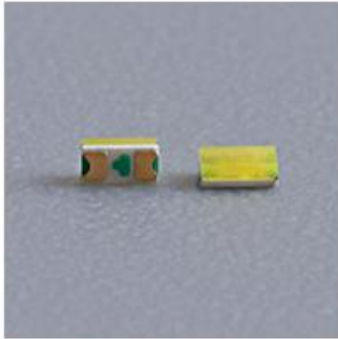
Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20\text{mA}$	60	120	—	mcd
Dominant Wavelength	λ_d	$I_F=20\text{mA}$	460	—	475	nm
Forward Voltage	V_F	$I_F=20\text{mA}$	2.8	—	3.6	V
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	—	120	—	deg
Reverse Current	I_R	$V_R=5\text{V}$	—	—	10	μA

Notes:

1. Tolerance of Luminous Intensity $\pm 15\%$
2. Tolerance of Forward Voltage $\pm 0.1\text{V}$

1206 Surface mount LEDs available in a variety of single colors, bicolor and tricolor, wide viewing angles and an inner lens option for increased luminous intensity.

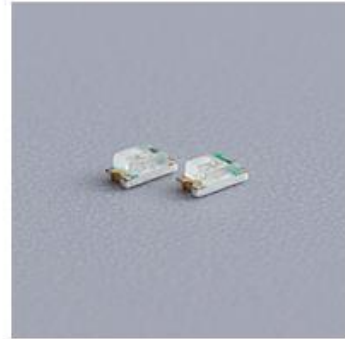
RELATED PRODUCTS



AL-S0402NWY-LP04-M



AL-S0602TGC-LP11-M



AL-S0603UBC-L006-M



AL-S0802TGC-LP10-M



AL-S0805SRC-L011-M



AL-S1204RGB-C-L014-M



AL-S1204UBC-L014-M



AL-S1206DRC-L011-M



AL-S1206SRVGC-L0RG-M

1206 SMD LED Application

Ideal for consumer applications

Suitable for computer peripherals

Coupling with light guides

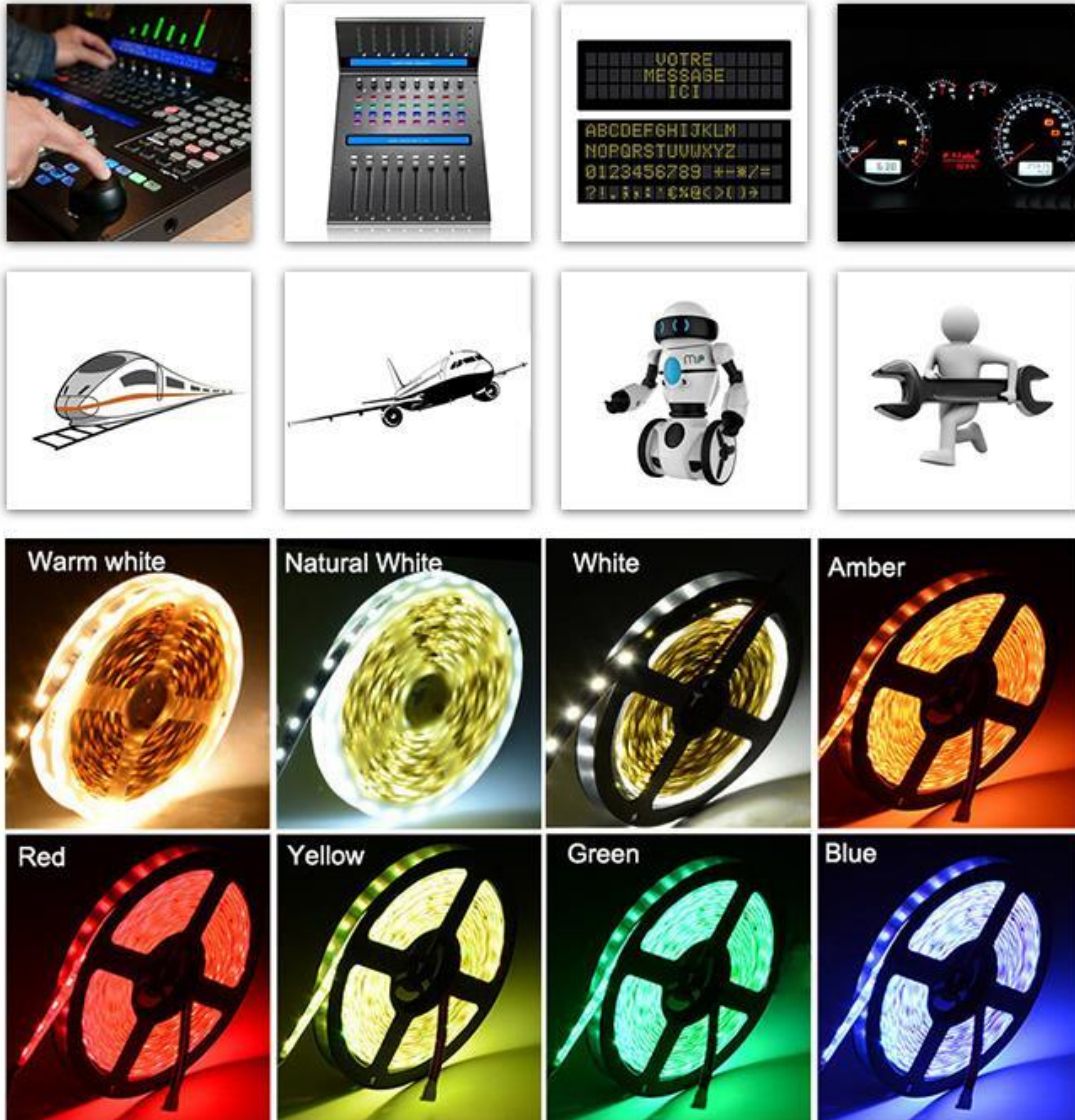
Various colors and lens types available

Available in reverse mount version

APPLICATIONS

APPLICATION SCENARIOS:

1. Automotive: Dashboards, stop lamps, turn signals
2. Backlighting: LCDs, Key pads advertising
3. Status indicators: Consumer & industrial electronics
4. General use




Our Primary competitive advantages:

1. Professional led manufacture
2. Experienced technical staff
3. Quality control
4. Compleitive price
5. offer free shipping by express for big order


- 6.Small order is accepted
- 7.Top quality raw material
- 8.International Approval
- 9.Prompt delivery
- 10.Guarantee/warranty
- 11.Excellent packaging
- 12.Environment friendly
- 13.Excellent performance
- 14.Best service
- 15.Customize design is available, free combination

WHY CHOOSE US




OEM
ODM


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 LED related 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

F&C[®]

SUGA[®]

OPT[®]
Machine Vision

USI[®]
Realizing iCAS Together

mega
cell_{line}

UCHI

BlueSky

TOPBAND

GIROD

vtech[®]

FAQ

1. Is OEM available?

Yes, we can produce LED based on your samples, also we can produce all kinds of CCT and wavelength LED based on your requirements.

2. How to get the samples for test?

We will offer free samples (normally 30pcs) for your test.

And after your confirmation, we will produce the same quality with the confirmed samples.

3. If the main order quality is not same with samples,how to deal with it?

For quality issue, you can send pictures or video or some samples from the main order to us.

After we check the quality, we will offer the official answer to you.

We will bear the lost for you generated by the quality problem!

4. If we need the cargo urgently, how do you solve it?

We will start the urgent order meeting soon and give a best delivery time.

5. How do you arrange the shipping?

For samples, we will ship by express DHL normally.

For main order, air shipping and sea shipping will be better.

6. Can you help us to ship cargo from other suppliers with yours together?

Yes. We often help our customers to do this free service.

For example, if you also need PCB, resistors, IC, capacitor, diode etc, we can buy and ship to you with LED together to save your time and business cost!

Sales Representative

Elsa Xiao

Oversea Sales Manager

Dongguan Zhiding Electronics Technology CO., LTD

Add: No. 8, Yinling street, XiaQiao, Dongcheng Dist., Dongguan, Guangdong, China

Web: <http://www.allightled.com/>

E-mail: sales@zhidingled.com

Skype: elsa.xiao0418

Mobile/Whatsapp: 86-13412570091

Tel: 86-769-22665151

Fax: 86-769-22665155

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



Oversea Sales Manager
Elsa Xiao
E-mail:sales@zhidingled.com
Skype: elsa.xiao0418
Mobile: 86-13412570091
WhatsApp: 86-13412570091
Tel: 86-769-22665151
Fax:86-769-22665155

Dear friend,

Thanks a lot for your coming and your time.

For more details, would you please contact us freely?

We are waiting for you here by 24 hours service.