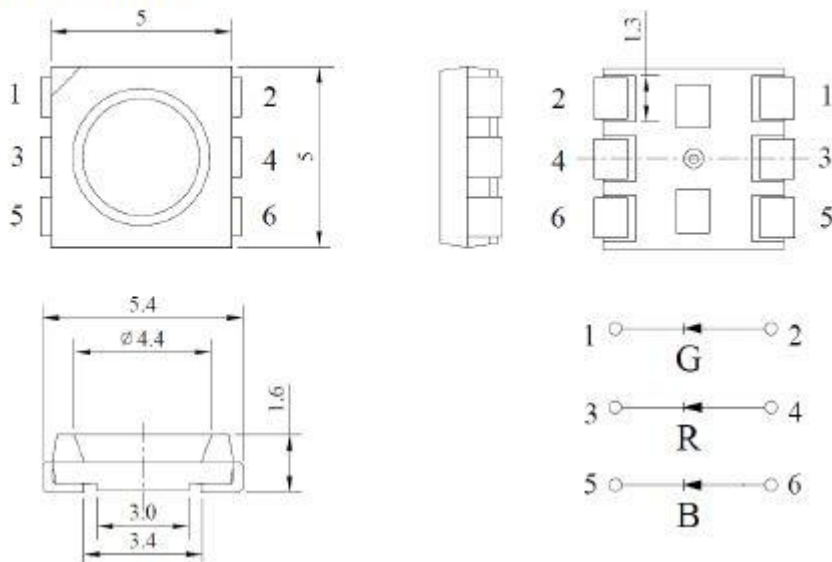


SMD 5050 RGB For Strip Display Screen

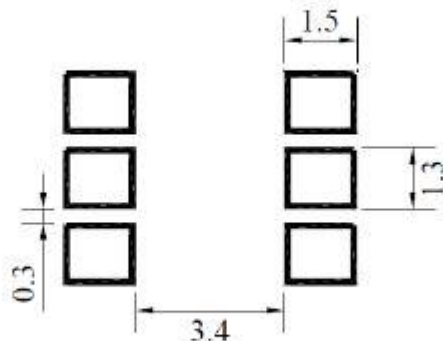
SMD 5050 RGB LED is our hot product. The location of the three chips can be customized according to customer requirements. It can be used for display screen. We also can provide customized 5050 rgb led strip to customers all over the world.

Below is 5050 RGB LED details display

■ Package Dimensions:



■ Reflow Soldering Pad Dimensions:



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (0.01') unless otherwise specified.



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

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	Iv	I _F =20mA	200	400	--	mcd
Dominant Wavelength	λd	I _F =20mA	618	--	628	nm

Forward Voltage	V_F	$I_F=20mA$	1.8	2.2	2.6	V
Viewing Angle	2 θ 1/2	$I_F=20mA$	--	120	--	deg
Reverse Current	I_R	$V_R=5V$	--	--	10	μA

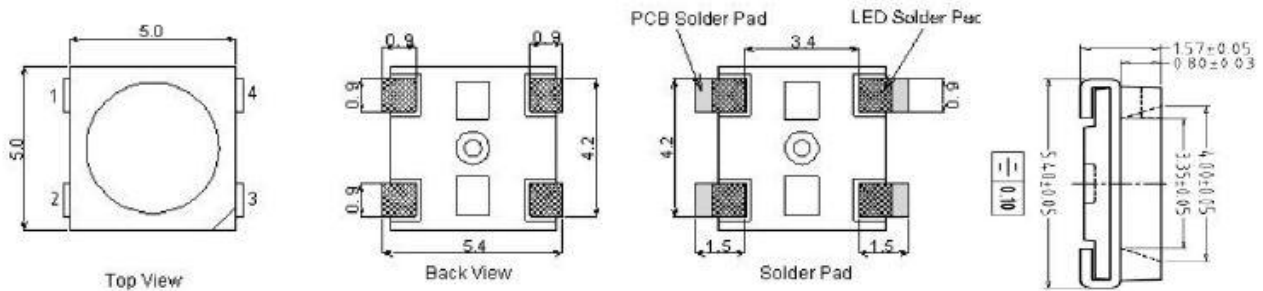
Electrical/Optical Characteristics at Ta=25°C: (G)

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20mA$	700	1000	--	mcd
Dominant Wavelength	λ_d	$I_F=20mA$	515	--	530	nm
Forward Voltage	V_F	$I_F=20mA$	2.8	3.2	3.6	V
Viewing Angle	2 θ 1/2	$I_F=20mA$	--	120	--	deg
Reverse Current	I_R	$V_R=5V$	--	--	10	μA

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

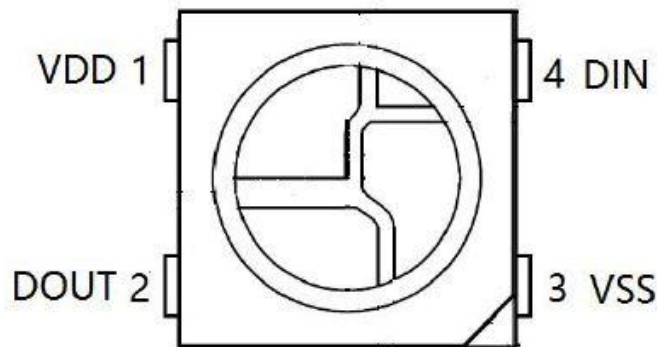
Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20mA$	200	400	--	mcd
Dominant Wavelength	λ_d	$I_F=20mA$	465	--	475	nm
Forward Voltage	V_F	$I_F=20mA$	2.8	3.2	3.6	V
Viewing Angle	2 θ 1/2	$I_F=20mA$	--	120	--	deg
Reverse Current	I_R	$V_R=5V$	--	--	10	μA

If you want 5050 RGB LED with inside IC WS2812, we also have, please check below led dimension details. If need more data sheet, please contact us freely!



Remarks: Dimension of 5.0*5.4*1.57mm, default Tolerance of 0.05mm.

PIN Configuration



5050 RGB LED Application

- Switches, keys back lighting
- Electronic display panel light
- Marker lights, reading lamps.
- Outdoor back lighting displays.
- Emergency lighting, signal and symbol luminaire, Ect.
- Stage lighting: Stage lamp, background light.
- Building and landscape lighting: Floodlight , clean wall light, gardening light.
- Decorative lighting: Guard rail lamp, spot lamp, Underground lamp.

Shipping:

- 1.FedEx/DHLUPSITNT for samples, Door-to-Door
2. By Air or by Sea for batch goods, for FCL; Airport Port receiving
- 3 Customers specifying freight forwarders or negotiable shipping methods
- 4.Delivery Time. 3-7 days for samples; 5-25 days for batch goods



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



FAQ:

Q1. What is your main products?

A1. 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. We have SMD LEDs, Dip leds, High Power LEDs, Piranha LEDs, IR LEDs and UV LEDs and so on. Welcome to receive your inquiry.

Q2. What payment way do you accept?

A2. T/T, Paypal, Western Union and Visa Card are available.

Q3. It is OK to print my LOGO on the led product?

A3. Yes, please inform us formally before our production and confirm the design firstly based on our sample.

Q4. How long will it take for delivery?

A4. After we finish samples or goods, will take 3-7 days to arrive your city.

Q5. How long of your warranty time?

A5. We offer 3 years warranty.

Contact:

Please feel free to contact us to get more products details.

Sales manager: Elsa Xiao

Email: sales@zhidingled.com

Skype: elsa.xiao0418

Tel: 86-769-22665151

Mobile/Wechat/Whatsapp: 86-13412570091

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



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