

5050 white led Parameter:

■ Absolute Maximum Ratings at Ta=25°C :

Parameter	Symbol	Maximum	Unit
Power Dissipation	Pd	500	mW
Peak Forward Current (Duty 1/10 (@1KHz))	I _{FP}	250	mA
Forward Current	I _F	150	mA
Electrostatic Discharge(HBM)	ESD	2000	V
Reverse Voltage	V _R	5	V
Operating Temperature Range	Topr	-30°C to +110°C	
Storage Temperature Range	Tstg	-40°C to +120°C	
Lead Soldering Temperature [2.0mm from body]	Tsol	Reflow Soldering : 260 °C for 10 sec. Hand Soldering : 350 °C for 3 sec.	

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

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Flux	Φ _v	I _F =60mA	20	24	—	lm
Color Rendering Index	CRI	I _F =60mA	—	80	—	Ra
CIE Chromaticity Coordinates: X Axis	X	I _F =60mA	—	0.32	—	—
CIE Chromaticity Coordinates: Y Axis	Y	I _F =60mA	—	0.32	—	—
Color Temperature	CCT	I _F =60mA	5000	—	7000	K
Forward Voltage	V _F	I _F =60mA	2.8	—	3.6	V
Viewing Angle	2θ 1/2	I _F =60mA	—	120	—	deg
Reverse Current	I _R	V _R =5V	—	—	10	uA

5050 white led Features:

1. Super-luminosity chip LED
2. White SMT package
3. Lead Frame package with individual 6pins
4. Wide viewing angle

5. Soldering methods: IR reflow soldering

6. Pb free, RoHS

Application for 5050 white led:



Production for 5050 white led

PLCC 6 high brightness 5050 white led high efficiency using the most advanced full ASM solid crystal, wire automatic equipment, automatic sub-BIN taping machines and other fully automatic equipment; products in the design fully take into account the LED light, electricity, thermal characteristics, the use of imported low-light fade water package , The selection of raw materials used are verified by the reliability of the experiment, the product

is more stable, high anti-ESD ability, low light decay, good consistency and so on.



Shipping for 5050 white led

All items will be shipped by DHL, UPS, EMS airmail with tracking number in order to

speed up the delivery!



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Related SMD LED Products, variety of different size SMD LEDs for your choice.

ALLIGHT
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0402



0603(0.4mm)



0805(0.8mm)

ALLIGHT
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0603(0.6mm)



0805(1.1mm)



1206

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0802

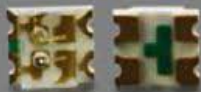


1204(1.4mm)

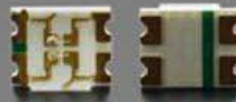


1204(1.9mm)

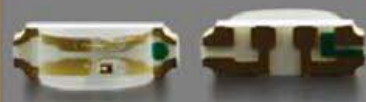
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0605 Bicolor



1210 Bicolor



1204 Bicolor

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3020



2835



5730

FAQ:

Q1. Do you have any certifications for your products?

A1. Yes, All of led have SGS certification.

Q2. Can we get a sample for reference?

A2. Yes, samples are free but the postage will be collected

Q3. How long of your delivery time??

A3. 5-7 days for samples, 1-2 weeks for formal order.

Q4. Do you have MOQ limit for the led?

A4, Yes, 5050 white led is 1000pcs/reel, so MOQ is 1000pcs.

Q5. Can you produce smd led strip?

A5. Yes, we offer customization and OEM service, please tell us your requirements clearly, we can produce smd led strip to you.

Glad to receive your inquiry about 5050 white led!

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



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