

1415 彩屏

特点 4C



* L/W/H :1.5*1.6*1.5 mm

Outline Dimensions (L / w / h): 1.5*1.6*1.5 mm

* : /

Luminous color and colloid: high brightness Colorful/black matte packaging

* MSL :3

Moisture sensitivity level MSL : 3 levels

* ROHS

Environmental protection products Complied With RoHS Directive

* EIA

EIA standard packaging

* SMT

Suitable for SMT automatic production

*

Suitable for infrared reflow soldering process

应用领域 (P) :





亮度分档

代码	最小值	最大值	单位	测试条件
D3	120	150	mcd	IF=20mA
D4	150	180		
D5	180	210		
D6	210	240		
D7	240			

波长分档

代码	最小值	最大值	单位	测试条件
HR02	620	625	nm	IF=20mA
HR03	625	630		
HB05	465	470		
HB06	470	475		
HG03	520	525		
HG04	525	530		



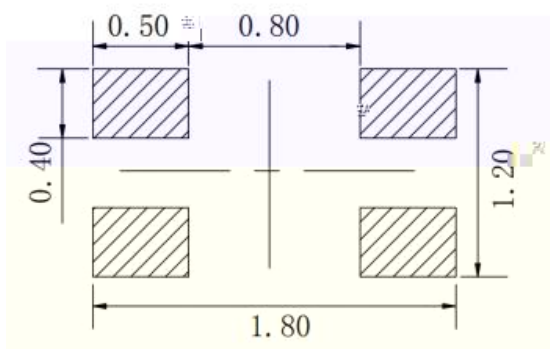
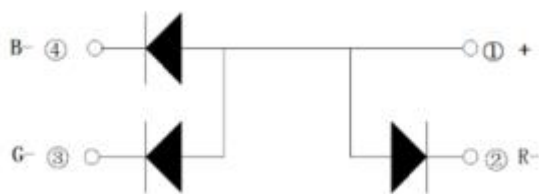
可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Reference standard
Endurance test	Working life	20mA Continuous lighting at the maximum rated current at room	1000 -24 -24hours 1000 hours +72 +72hours)	MIL-STD-750D:1026 MIL-STD-883D:1005 JIS C 7021:B-1
	High temperature and high humidity storage	IR-Reflow In-Board, 2 Times Ta= 85±5 , RH= 90 95%	240 ± 2 240hours) ± 2hours)	MIL-STD-202F:103B JIS C 7021:B-11
	High-temperature storage	Ta= 85±5	1000 -24 1000 hours +72)	MIL-STD-883D:1008 JIS C 7021:B-10
	Low temperature	Ta= -40±5	-24hours+72hours	JIS C 7021:B-12
	Cold and hot cycle	105 25 -55 25 30mins 5mins 30mins 5mins	50 50 Circles	MIL-STD-202F:107D MIL-STD-883D:1051 MIL-STD-883D:1010
	Hot and cold impact	IR-Reflow In-Board, 2 Times -40 ± 5	100 ± 5	
			×	
				WIF-

Environmental testing

Outline Dimension



建议焊盘尺寸:

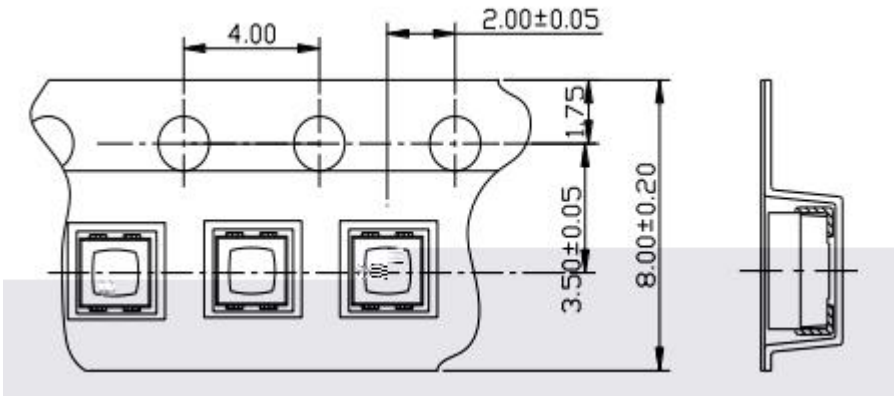
1. mm

2. $\pm 0.25\text{mm}$

包装（1）

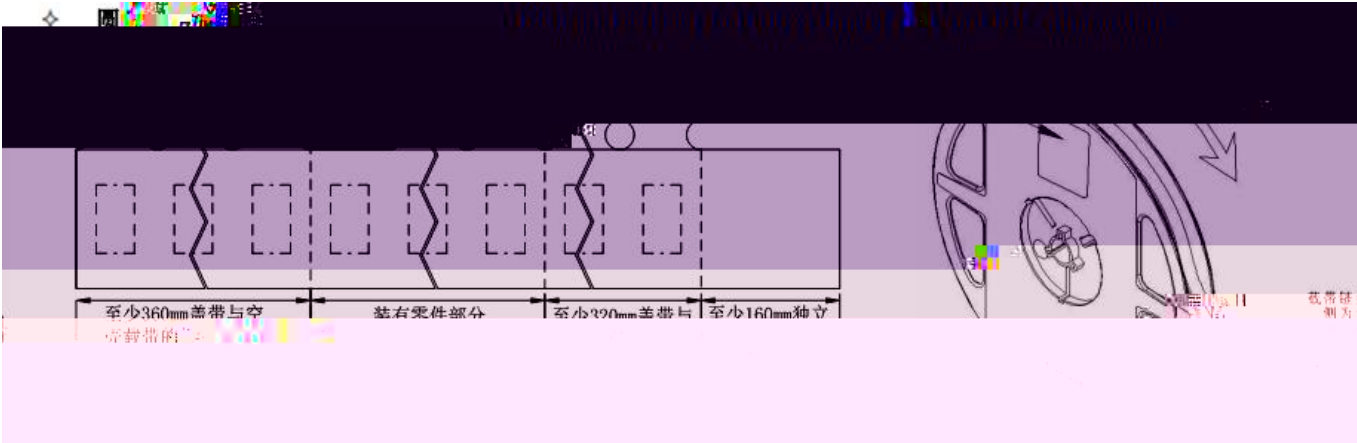
Packaging (1)

载带与圆盘尺寸



:

1. (mm)
1. Size unit is mm (mm).
2. ±0.1mm
2. The dimensional tolerance is ± 0.1mm.



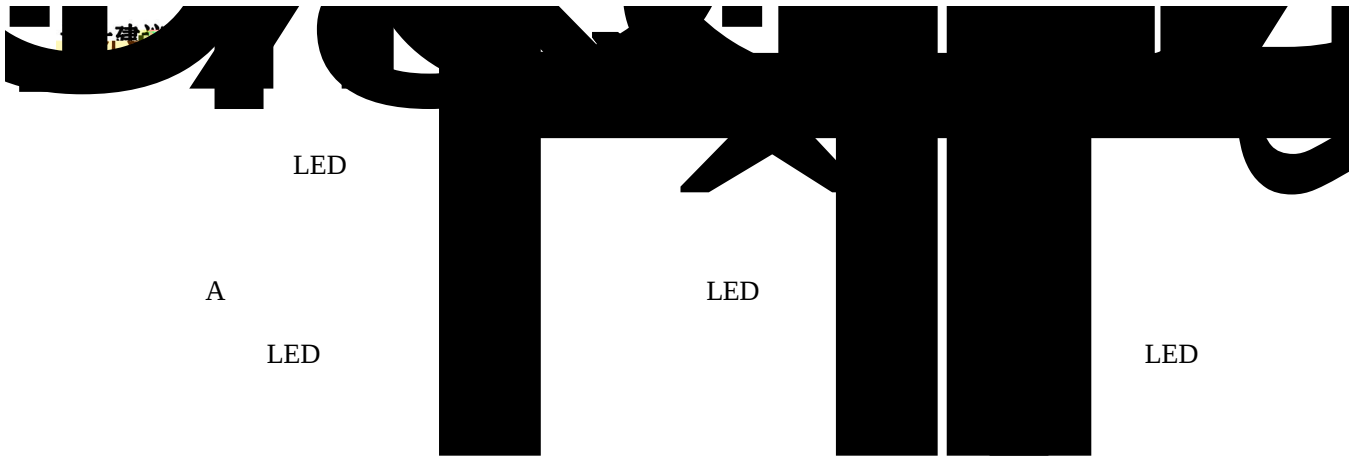






使用注意事项 (2)

Precautions (2)



In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big current change, burn out may happen.

It is recommended to use Circuit A which regulates the current flowing through each LED rather than Circuit B. When driving LEDs with a constant voltage in Circuit B, the current through the LEDs may vary due to the variation in Forward Voltage (V_F) of the LEDs. In the worst case, some LED may be subjected to stresses in excess of the Absolute Maximum

XINGLIGHT®

