1921七彩贴片 贴片式发光二极管

特点 C

* L/W/H :2.0*2.1*1.9 mm

Outline Dimensions (L / w / h): 2.0*2.1*1.9 mm

* : /

Lumin

应用领域（P ）：

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 Dse

使用注意事项（2）

Precautions (2)

5. 设计建议

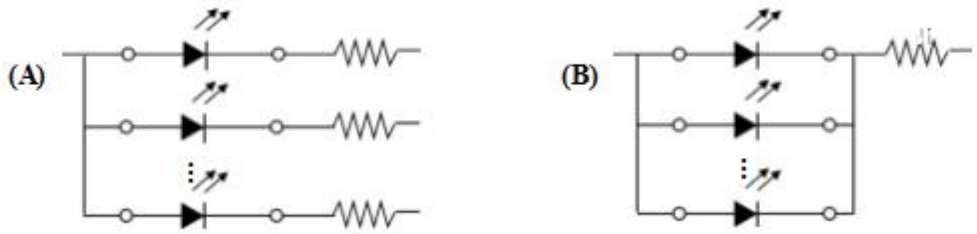
LED

A LED B

LED V_F LED

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 Rating.



LED LED

Thermal Design is paramount importance because heat generation may result in the Characteristics decline, such as brightness decreased, Color changed and so on. Please consider the heat generation of the LEDs when making the system design.

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