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亮度分档

代码	最小值	最大值	单位	[redacted]
D2	80	120	mcd	IF=20mA
D3	120	150		
D4	150	180		
D5	180	210		

±10% Brightness error±10%

电压分档

代码	最小值	最大值	单位	测试条件
M17-9	1.8	1.9	V	IF=20mA
M18-1	1.9	2.0		
M18-2	2.0	2.1		
M18-3	2.1	2.2		
M18-4	2.2	2.3		
M18-5	2.3	2.4		

±0.1V Voltage error±0.1V

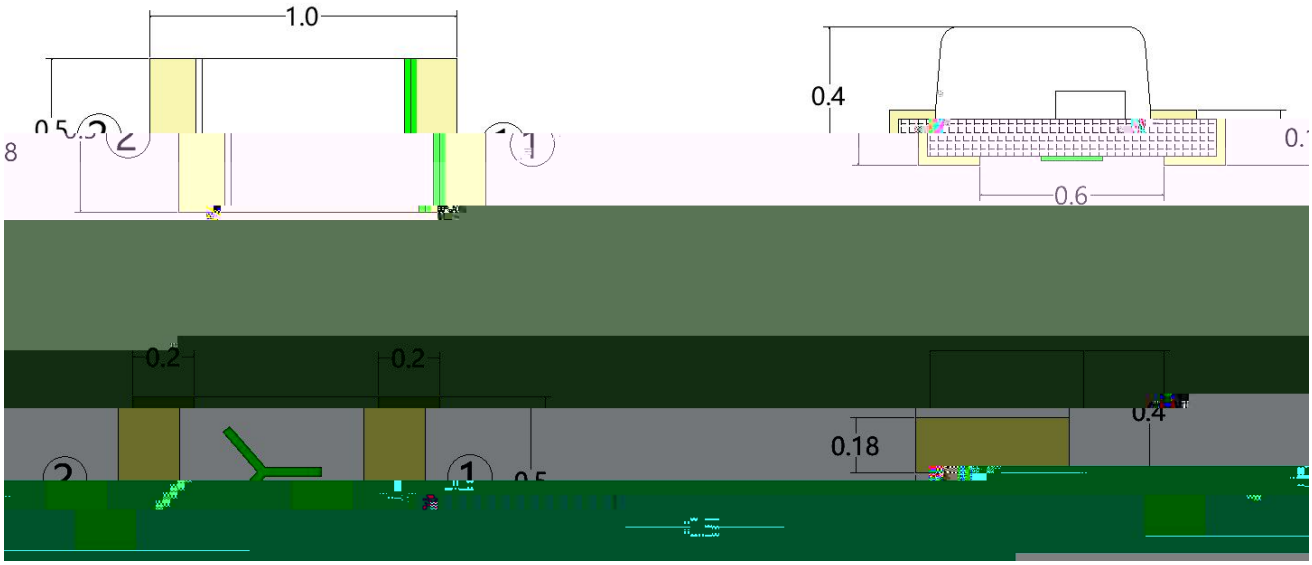
波长分档

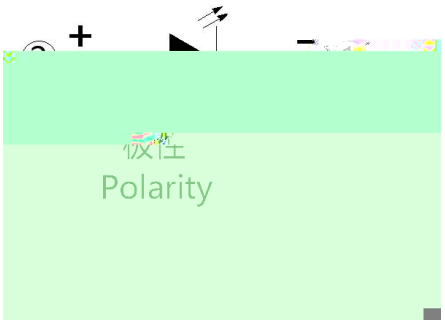
代码	最小值	最大值	单位	测试条件
HY03	585	587.5	nm	IF=20mA
HY04	587.5	590		
HY05	590	592.5		
HY06	592.5	595		

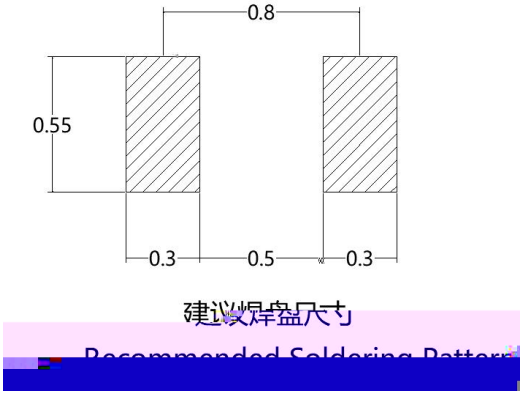
±1nm Wavelength error±1nm

The testing conditions vary for different appli cation areas

外形尺寸
Outline Dimension







建议焊盘尺寸
Recommended Soldering Pattern

Remarks: 1. All dimensions are in millimeters.

2. Tolerance is ±0.25mm unless otherwise noted

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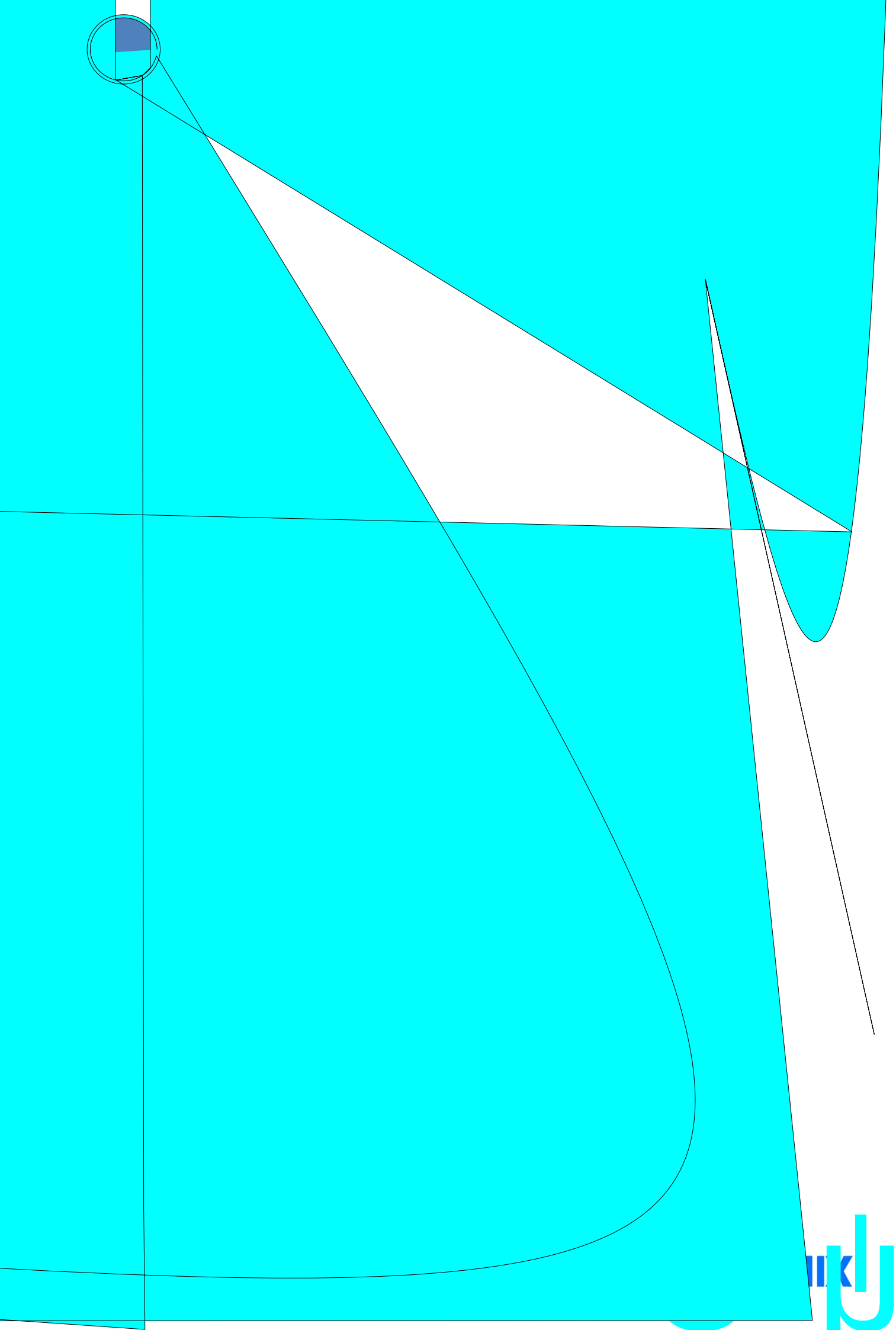

使用注意事项（2）

Precautions (2)

设计建议

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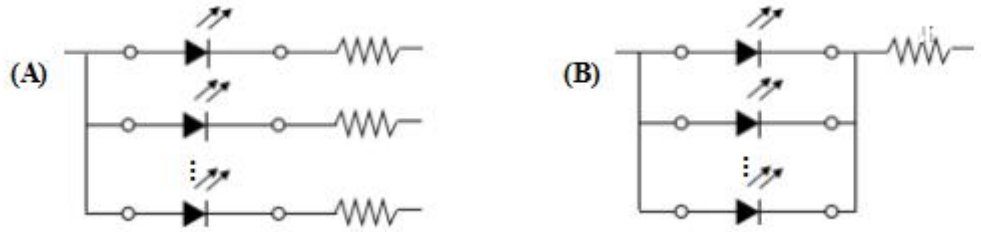
ą ץЙ̧ A˜ ˇ ɷ LED ' Ь ą ˆ B˜ ˇ ضِ ۱ ¯ Й̧ˇ LED h ۱ˆ V_F˜ ΰ Ґ̣ ˇ Ψ ң ΰ Ґ̣ ˇ ˆ ą ˚ LED Ї ɢ ỵ Â

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.



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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.

使用注意事项（3）

Precautions (3)