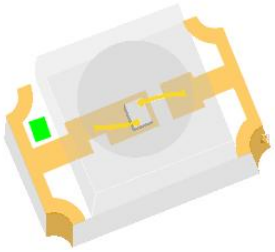
# 0805 球头蓝 贴片式发光二极管



## 特点（Characteristics）：

* L/W/H :2.0 *1.25 *1.4 mm
Outline Dimensions (L / w / h): 2.0*1.25*1.4 mm
* Luminous color and colloid: high brightness Blue /Transparent colloid
* ROHS
Environmental protection products Complied With RoHS Directive
* MSL :3-4
Moisture sensitivity level MSL : 3-4 levels
* EIA
EIA standard packaging
* SMT
Suitable for SMT automatic production
*
Suitable for infrared reflow soldering process

## 应用领域（Product application）：

*
Home appliance Electric watch Electronic desk calendar
*
Electronic Gifts Electronic Gifts
*
numerical code Communication
*
Automotive Electronics
*
Lighting decoration
*
electronic toy
*
Traffic instructions
*
Urban lighting engineering

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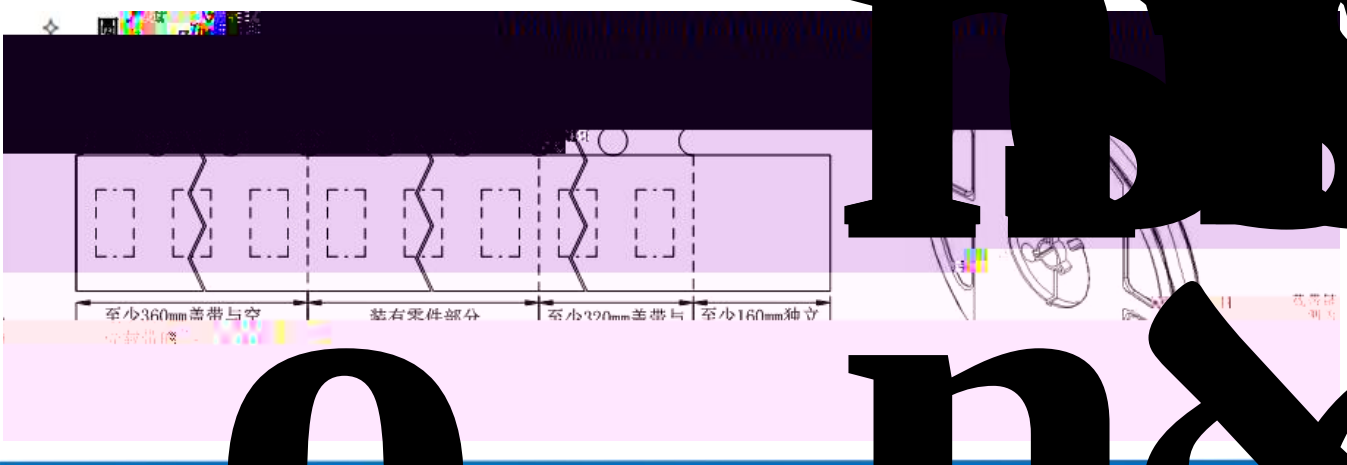
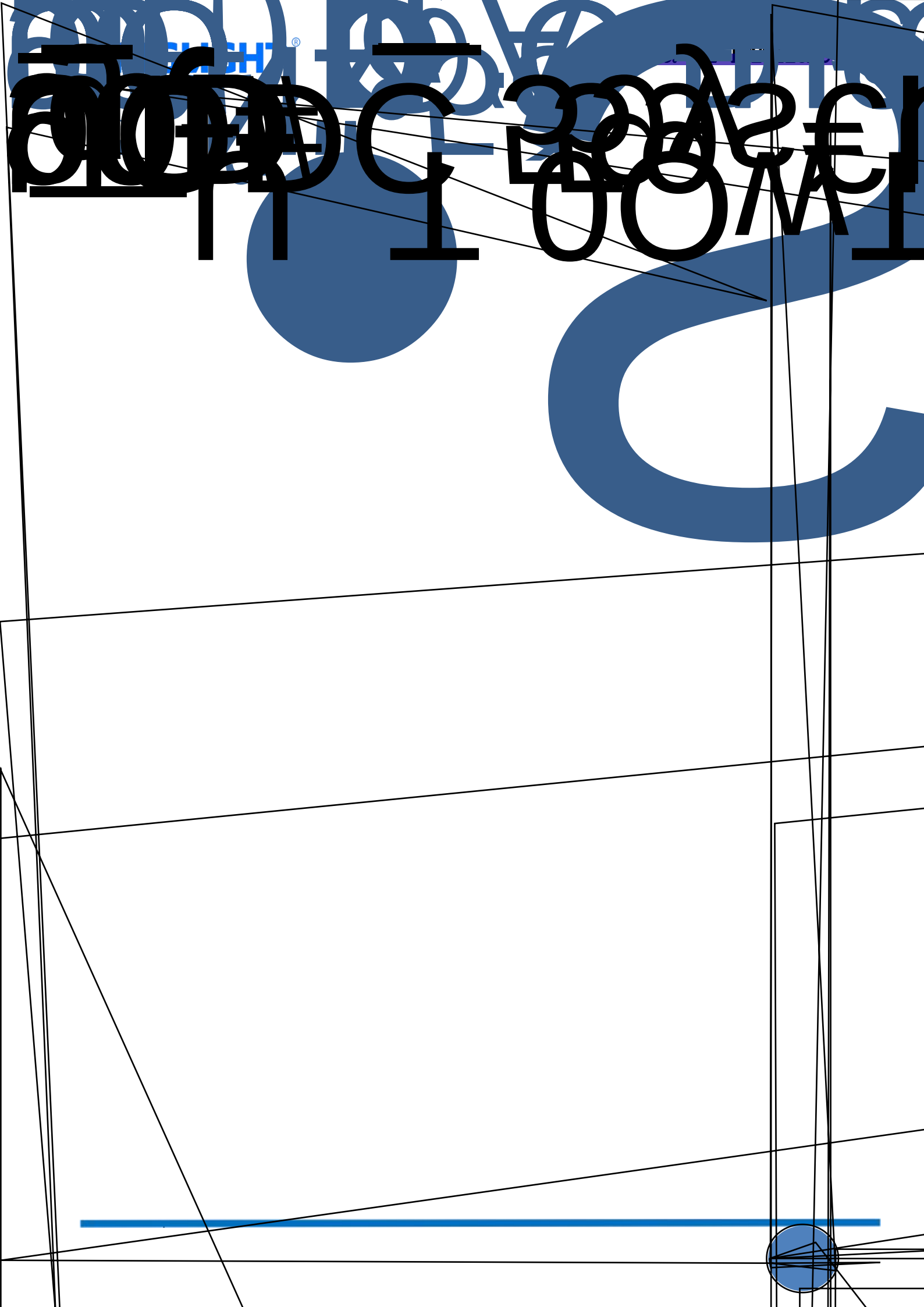
# 包装（1）

## Packaging (1)

### 载带与圆盘尺寸 Belt and disk dimensions





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## 使用注意事项（2）

**Precautions (2)**

**3. [redacted]建议**

**Design Consideration**

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ą ɣ A LED ą B ضي

˧ ˛ LED h ˧ $V_F$ ǖ ǐ ψ ǖ ǐ ˜ ą LED ǐ

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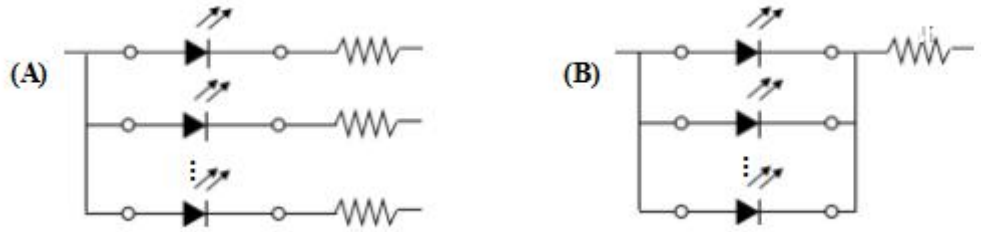
In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big current change, burn out may happen.

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