







absolute

| parameter           | symbol     | unit   |
|---------------------|------------|--------|
| power               | Po         | 1.3 W  |
| Working Current     | Iop        | 1.7 A  |
| backward voltage    | VR         | 2 V    |
| working temperature | Topr       | -20 85 |
| Storage Temperature | Ts i t a D |        |

| Threshold Current       | I <sub>th</sub> | -                  | -   | 0.25 | -   | A   |
|-------------------------|-----------------|--------------------|-----|------|-----|-----|
| Working Current         | I <sub>op</sub> | P <sub>o</sub> =1W | -   | 1.4  | 1.7 | A   |
| working voltage         | V <sub>op</sub> | P <sub>o</sub> =1W | -   | 4.3  | -   | V   |
| Central wavelength      |                 | P <sub>o</sub> =1W | 515 | 525  | 535 | nm  |
| beam divergence angle   |                 | P <sub>o</sub> =1W | -   | 42   | -   |     |
| Beam Directionality     |                 | P <sub>o</sub> =1W | -   | 8    | -   |     |
| Misaligned beam angle   |                 | P <sub>o</sub> =1W | -5  | -    | +5  |     |
|                         |                 | P <sub>o</sub> =1W | -5  | -    | +5  |     |
| differential efficiency |                 | P <sub>o</sub> =1W | -   | 1.1  | -   | W/A |

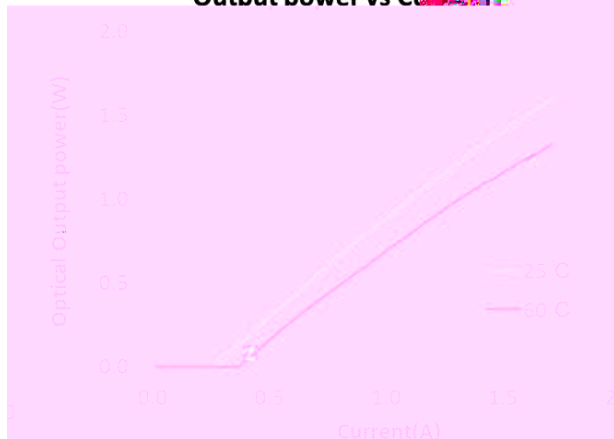
remarks

[1] 50%  
and are defined as the angles of the fast axis and slow axis at the 50% peak value.

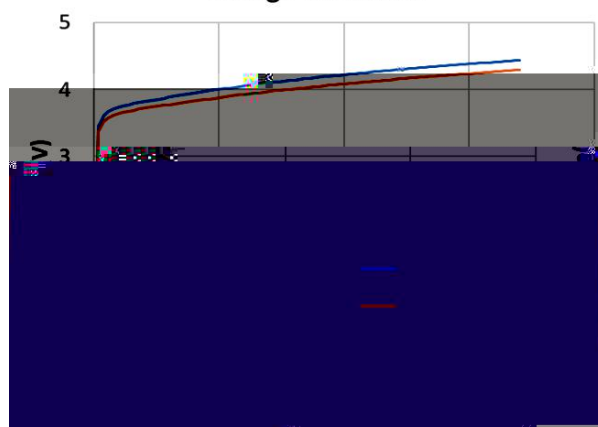
[2] 25 ,  
[The data test was conducted at 25 °C; operating at ambient temperatures higher than this will affect the device's lifespan.

## 曲线特性曲线

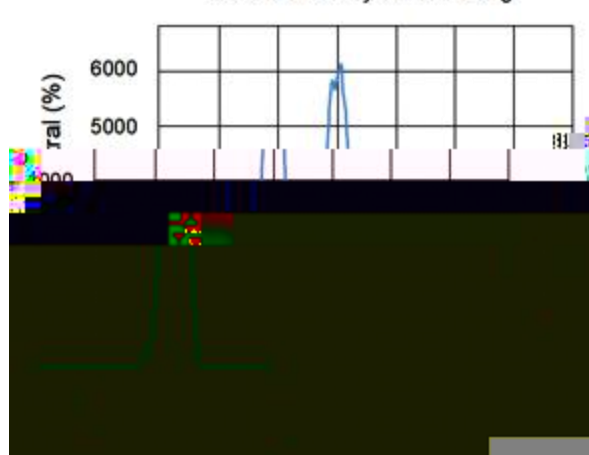
Output power vs Current



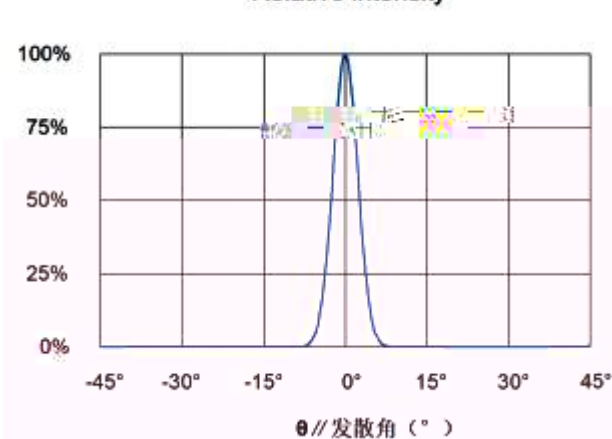
Voltage vs Current



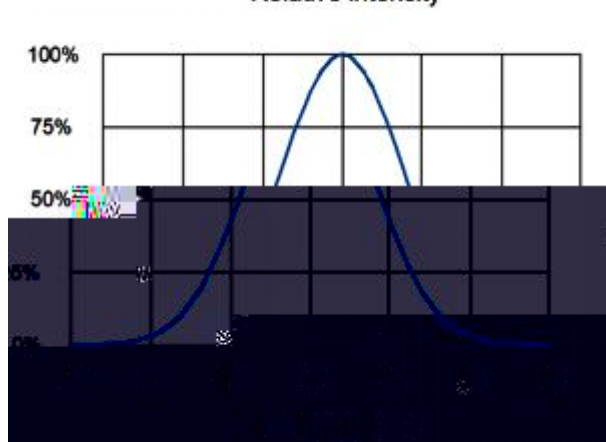
Relative Intensity Vs. Wavelength



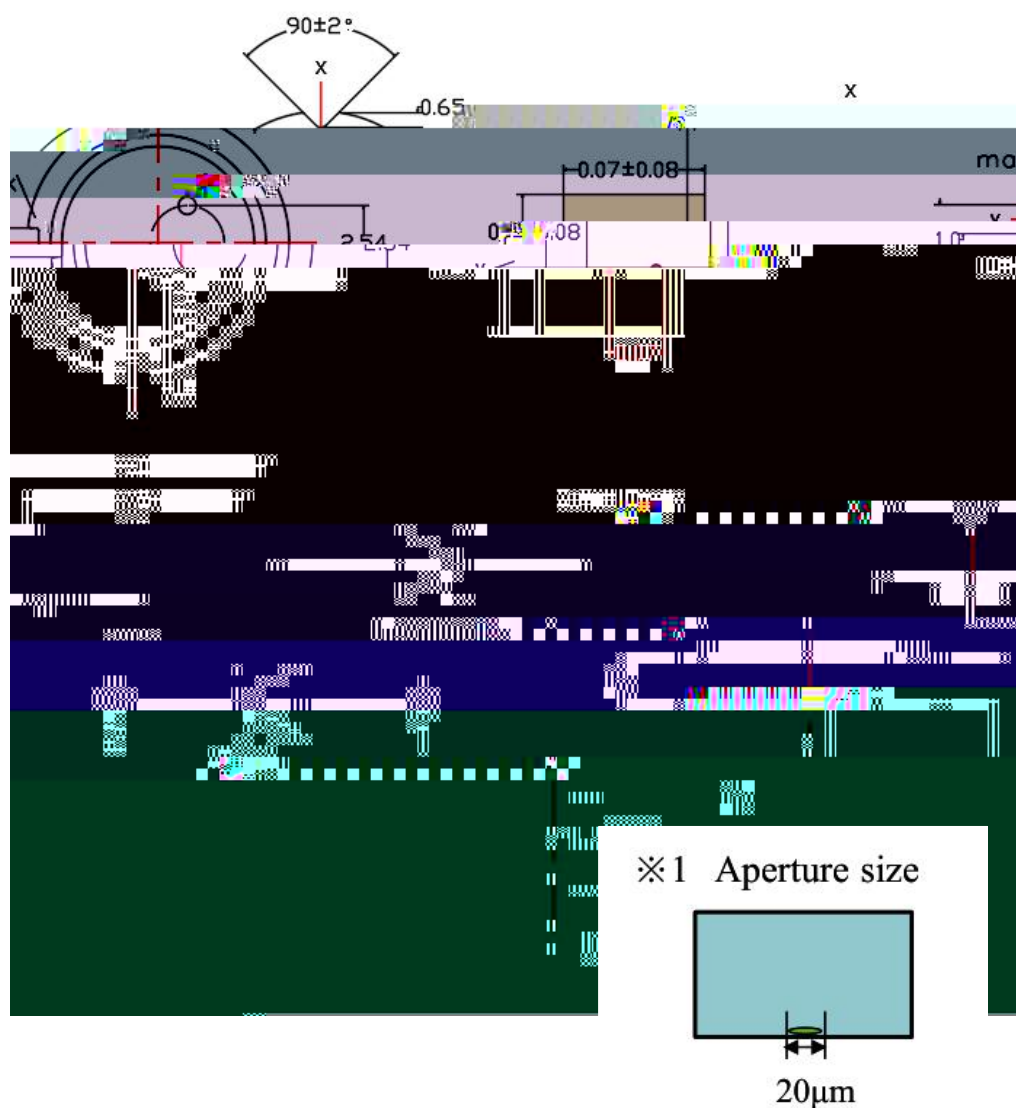
Relative intensity



Relative intensity



## 外形尺寸



## 包装

---

