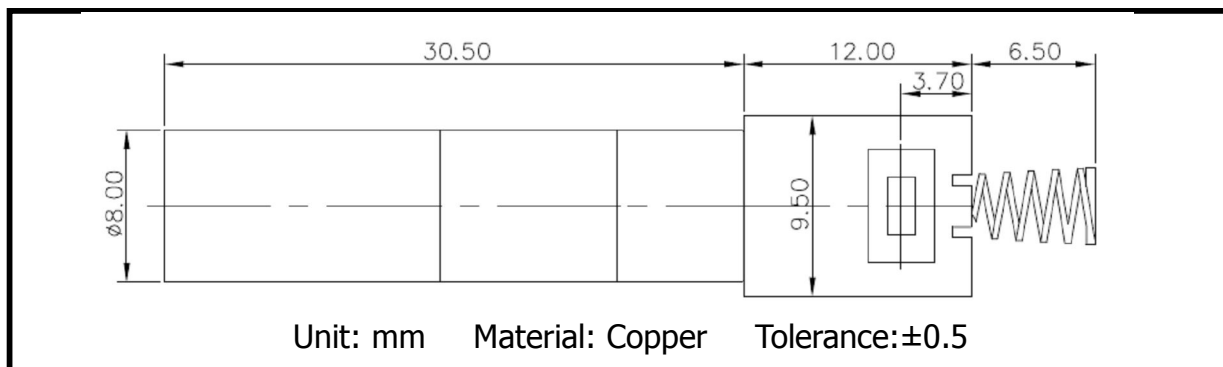




# GREEN LASER MODULE



## Modle # : JPM-1-6(8mm)

### Features

- Structure : Diode pumped solid-state green lasers.
- Output power : <1 mW
- Operating temperature : 15~35°C

### Applications

- Presenter
- Laser pointer

### Absolute maximum ratings

| Parameter             | Symbol           | Rating | Unit |
|-----------------------|------------------|--------|------|
| Operating current     | I <sub>op</sub>  | 300    | mA   |
| Operating temperature | T <sub>opr</sub> | 15 ~35 | °C   |
| Storage temperature   | T <sub>stg</sub> | 0~ +50 | °C   |

### Specifications 1) 2)

| Parameter                   | Symbol          | Condition                    | Min | Typ  | Max | Unit   |
|-----------------------------|-----------------|------------------------------|-----|------|-----|--------|
| Supply voltage              | V <sub>cc</sub> |                              | 2.4 | -    | 3.4 | V      |
| Wavelength                  | λ <sub>P</sub>  |                              | 522 | 532  | 542 | nm     |
| Output power                | P <sub>0</sub>  |                              | 0.3 | -    | 0.9 | mW     |
| Power stability             | ΔP <sub>0</sub> | T <sub>opr</sub> =15 ~ +35°C | -20 |      | +20 | %      |
| Operating Current           | -               |                              | 200 | -    | 300 | mA     |
| Laser beam deflection angle | -               | In 50cm location             | -3  | 0    | 3   | degree |
| Beam divergence             | 2θ <sub>r</sub> |                              | -   | 1.55 | -   | mrad   |

1) Initial values    2) Each value is measured by using our measuring instrument    3) Δ1: The distance from laser beam window

### Beam spot spec

- 5m diameter < 12.5mm (不包含光暈、雜光、拖尾)

### Remark

- 出貨測試 15 秒內, 以最高值得到功率、電流
- 測試環境溫度: 20~30°C ± 2°C ; 溼度: 40~60%
- 按鍵可拿掉, 彈簧可改接線