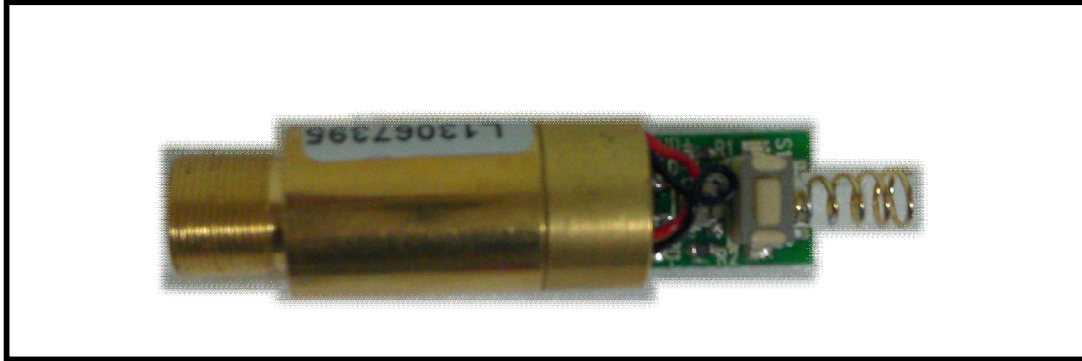


## GREEN LASER MODULE

**Model # : JPM-X-6(12mm)**

### Product image



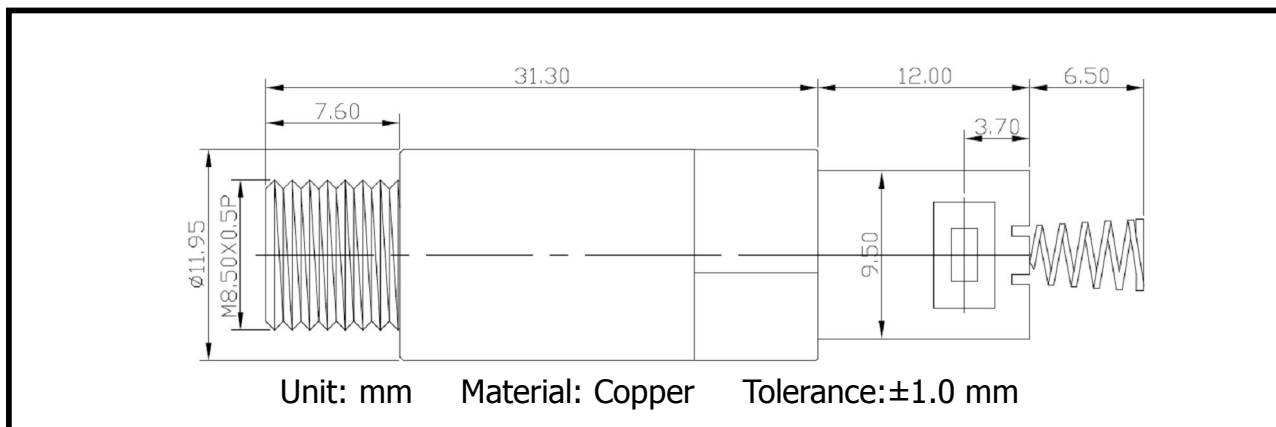
### Features

- Structure : Diode pumped solid-state green lasers.
- Output power : ClassII<1mW , ClassIII<5mW
- Operating temperature : +15~+35°C

### Applications

- Presenter
- Laser pointer

### Dimension Spec.





# Specification Sheet

Rev.001  
Date:2013/08/01

## ClassIII<5mW

### Absolute maximum ratings

Parameter	Symbol	Rating	Unit
Supply voltage		<3.3V	
Operating current	Iop	<300	mA
Operating temperature	Topr	+15~+35	°C
Storage temperature	Tstg	0~+50	°C

### Specifications 1) 2)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Spot diameter (main spot)	-	5M	-	-	10	mm
Wavelength	$\lambda P$		522	532	542	nm
Laser beam deflection angle	-	In 100cm location	-5	0	5	degree
Beam Divergence	2 $\theta r$		-	-	1.5	mrad
Output power	P <sub>0</sub>	In 10cm laction	2.5	3	4.5	mW
Certificate						FDA

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

### Remark

- Inspection environment temperature:20~30°C  $\pm$  2 °C ; Humidity:40~60%
- MTTF:3000 hours

### Beam spot spec

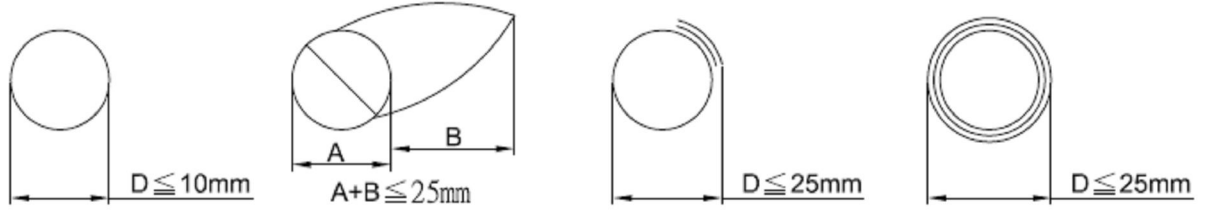
- 5m Main light spot diameter  $\leq$  10mm
  - 5m light halo and tail included <25mm
-



# Specification Sheet

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OK



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