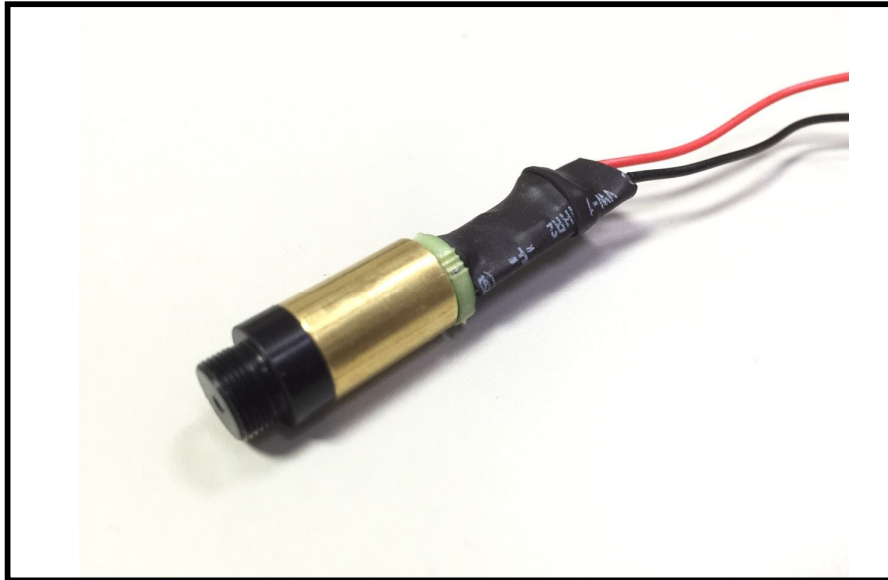


BLUE LASER MODULE

Model # : BLM-5(450)

Product image



Features

- Structure: Blue Laser Diode
- Output power: Class IIIa < 5mW
- Transverse Mode: TEM00
- Current Mode: Auto Current Control

Applications

- Science
- Laser pointer

Remark

- Inspection environment temperature: **20~30°C** ± 2 °C ; Humidity: 40~60%
- MTTF: 3000 hours

Beam spot spec

- Spot diameter (main spot): 5M Main light spot diameter ≤ 10x10 (Exclude light halo)

Lightvision Technologies, Corp.

6F#5, NO. 40-2, Sec. 1, Ming Sheng N. Rd., Kwei-Shan, Taoyuan 333, Taiwan

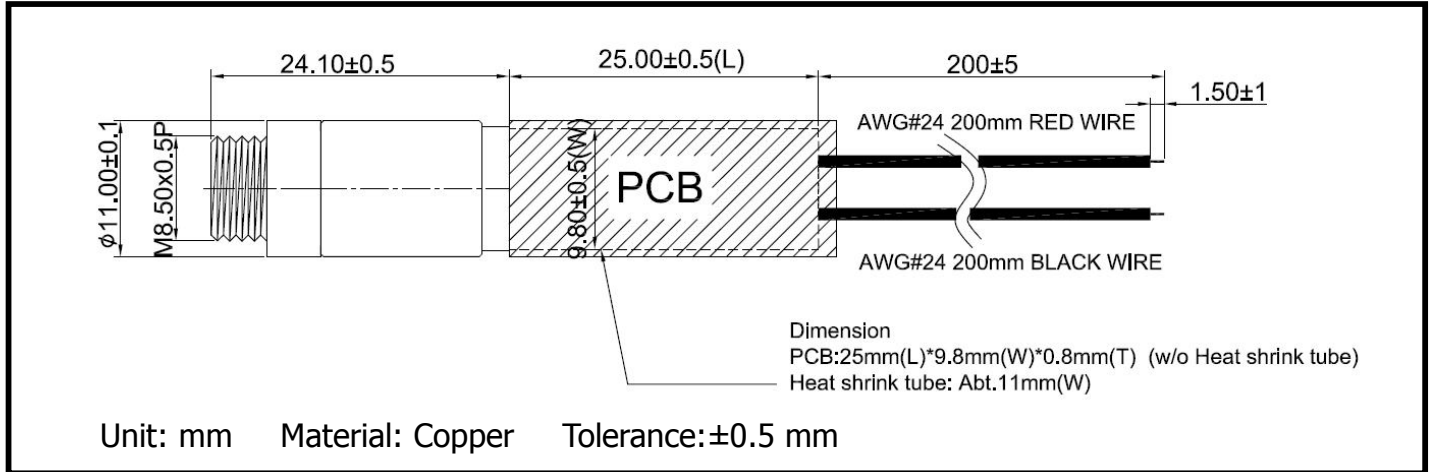
Tel: 886-3-355-5931

E-mail : sales@lightvision.com.tw

Fax: 886-3-355-5934

Website: www.lightvision.com.tw

Dimension Spec.



Class IIIa < 5mW

Absolute maximum ratings

Parameter	Symbol	Rating	Unit
Supply voltage		DC 3V~7V	
Operating current	I_{op}	<450	mA
Operating temperature	T_{opr}	+10~+50	°C
Storage temperature	T_{stg}	0~+60	°C

Specifications 1) 2)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Spot diameter (main spot)	-	5M	-	-	10	mm
Wavelength	λ_P		440	450	460	nm
Output power	P_0	In 10cm laction	2	3.5	4.5	mW

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