

Temperature Stabilized Semiconductor Laser Module

Key Features:

- ◆ 473nm output, TEM00
- ◆ Low power consumption
- ◆ Remote control
- ◆ TTL Modulation Option
- ◆ ESD protection
- ◆ Plug & Play

Applications:

- ◆ Bio Technology
- ◆ Photo Finishing
- ◆ Semiconductor Instrument
- ◆ Medical Instrument
- ◆ Scientific Research



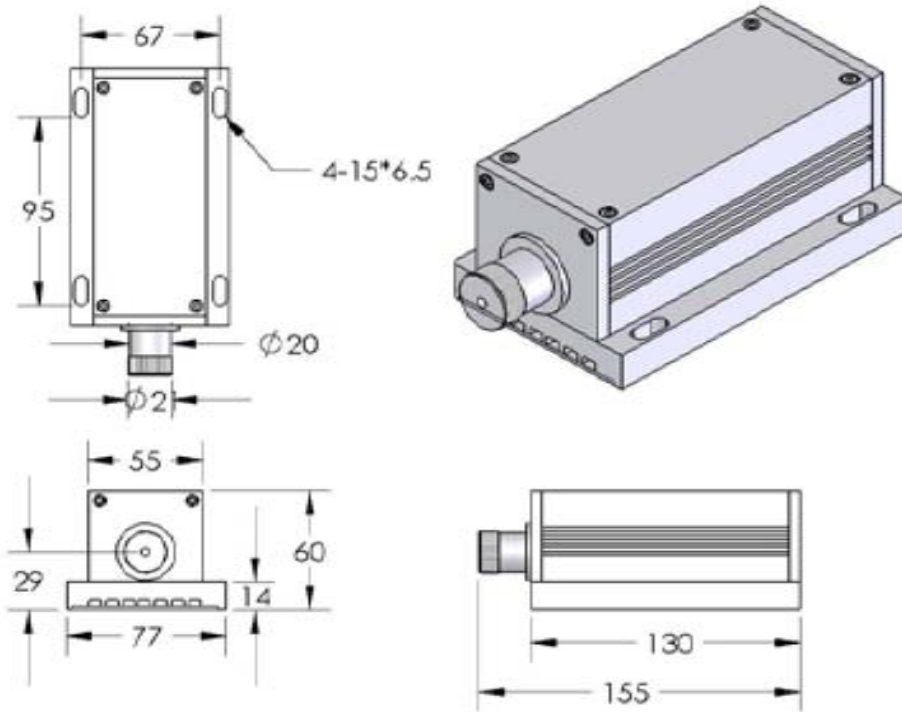
Specifications:

Wavelength	473±1nm
CW Output power	200mW ~ 500mW
Output stability	5% or 10%
Spectrum Width(nm)	0.1
Transverse beam mode	TEM ₀₀
Noise of Amplitude(RMS)	30%
Polarization ratio	100:1
Beam Divergence (1/e ² ,Full Angle)	<1.5mrad
Beam Diameter (1/e ²)	2 mm
M2	<2
Beam height from base	29mm
Pointing stability(after warm up)	<0.05 mrad
Operating temperature	10~35 degree C
Analog or Digital Modulation	2KHz(higher speed available per request)
Warm up time	< 15minutes
Warranty	1 year
Expected lifetime	10,000hours

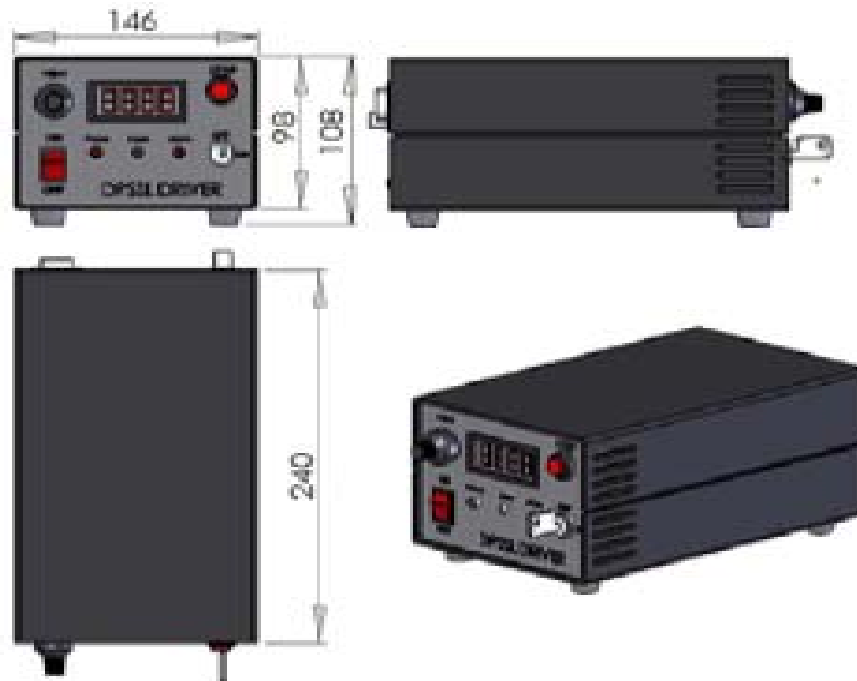
This component does not comply with the Federal Regulations (21 CFR Sub chapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer. The output light from this product is harmful to a human body even if it is invisible. Avoid looking at the output of this product directly, or through a lens during operation. Observance of operation should be through a TV camera or related equipment. Refer to IEC 825-1 and 21 CFR 1040.10-1040.11 as a radiation safety standard for laser products.

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Mechanical Dimensions of Laser Head:



Mechanical Dimension of Power Supply:



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