

532nm Raman Laser Module

Key Features:

- ◆ Free Space, Single or Multi mode Fiber Coupling
- ◆ Constant Power Control
- ◆ TTL Modulation Option
- ◆ ESD protection
- ◆ Plug & Play
- ◆ Narrow Optical Spectrum

Applications:

- ◆ Raman Application
- ◆ Bio instrument
- ◆ Semiconductor Instrument
- ◆ Medical Instrument
- ◆ Scientific Research

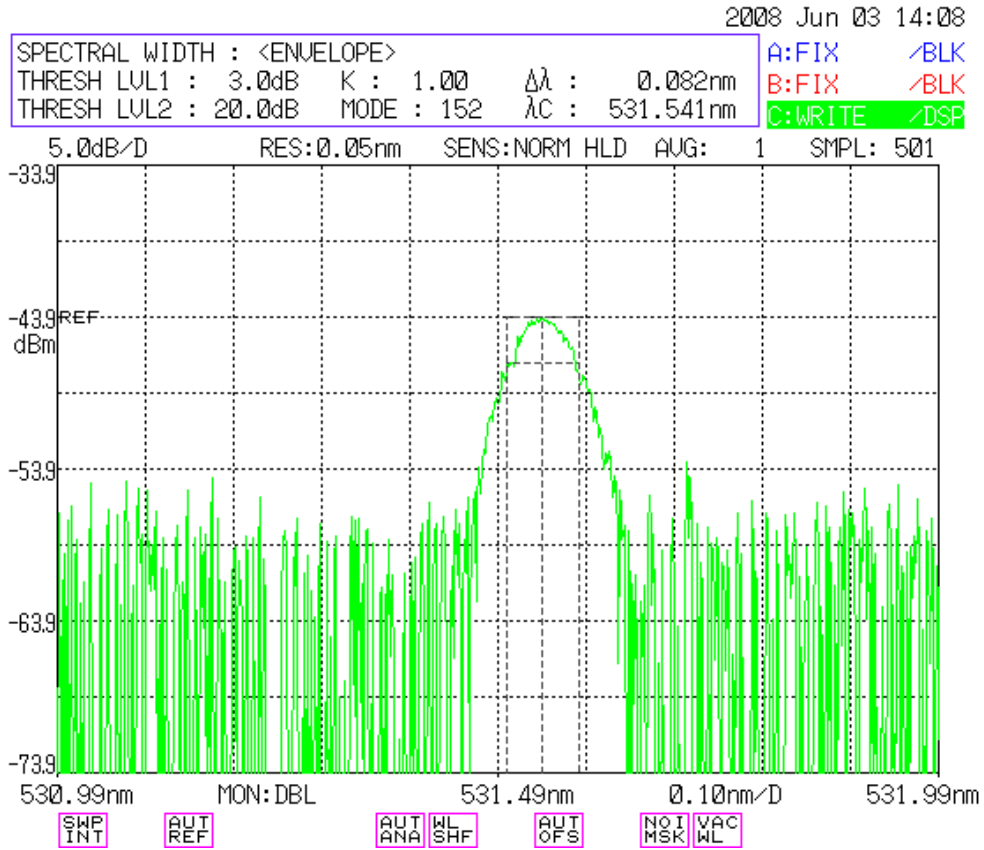


Specifications:

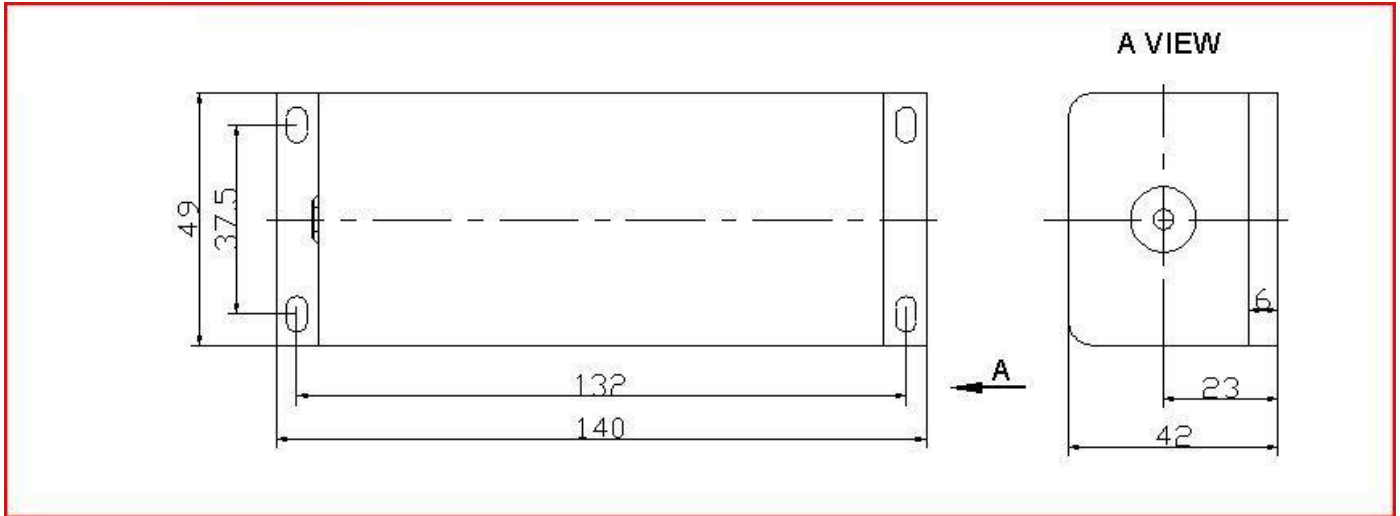
Wavelength	532nm+/-0.5nm
CW Output power	20mW ~ 300mW
Output stability	5% standard or 3% optional
Spectrum width	<0.09nm for RM version or 0.001nm for RM1 version
Optical Noise(RMS)	
For RM version	Standard 10%, 1% Optional
For RM1 version	<0.5%
Out put	Free Space or Fiber coupled
Fiber Core Diameter	4um, 50um, 100um, 200um, 400um
Connector	FC/APC or SMA
Beam Diameter(free space)	1mm
M2 (free space)	<1.2
Modulation	TTL or Analog
Modulation Speed	10KHz
Operating temperature	0~40 degree C(laser case)
Warm up time	< 15minutes
Expected lifetime	>10,000hours
Power Supply	80V ~ 240V AC
Warranty	One year

532nm Raman Laser Module

Typical Optical Spectrum Performance for RM version



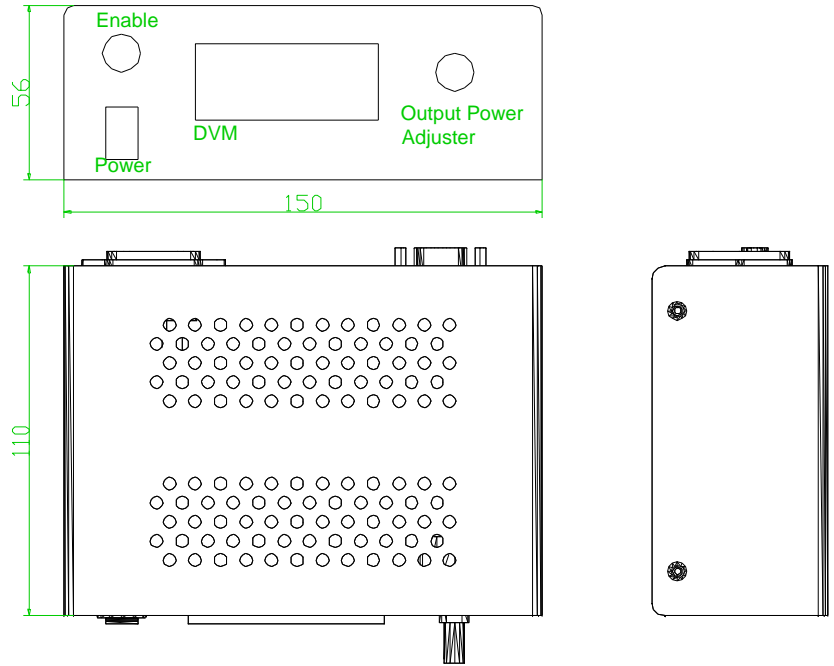
Mechanical Dimension of Laser Head for RM version



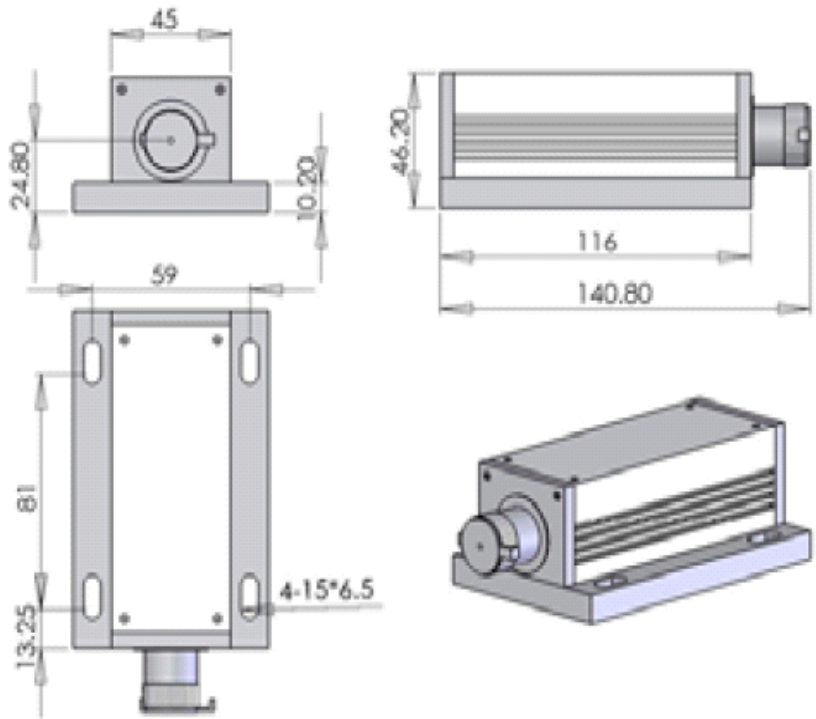


532nm Raman Laser Module

Mechanical Dimension of Laser Driver for RM version

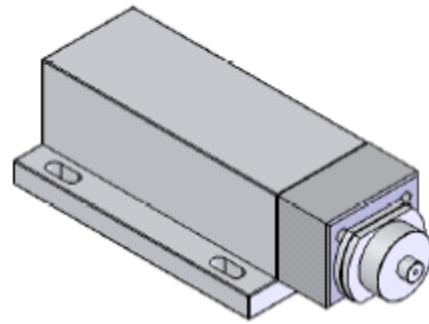
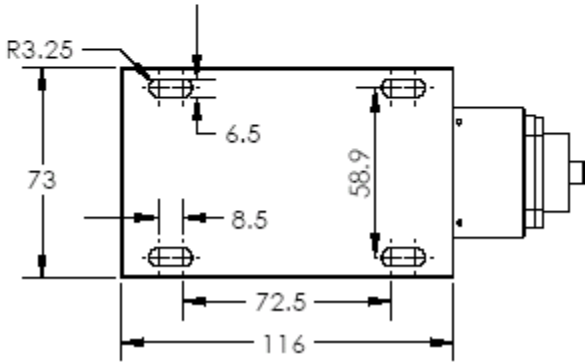
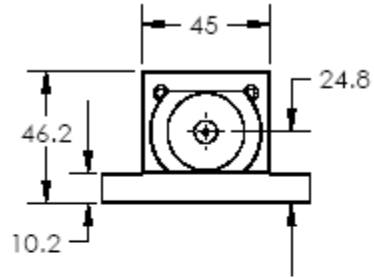
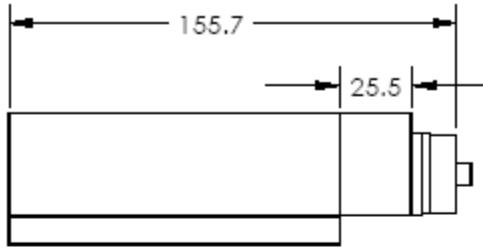


Mechanical Dimension of Laser Head for RM1 version

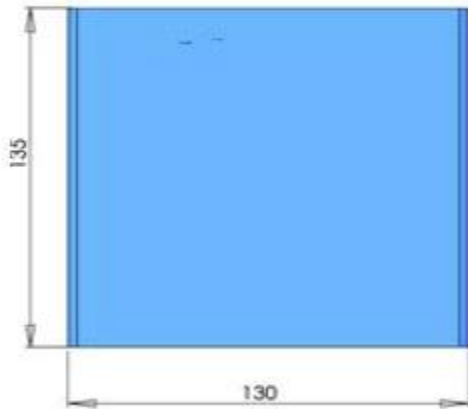




532nm Raman Laser Module



Mechanical Dimension of Laser Driver for RM1 version



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.

RGLase LLC follows a policy of continuous product improvement. Specifications are subject to change without notice.