

1064nm 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

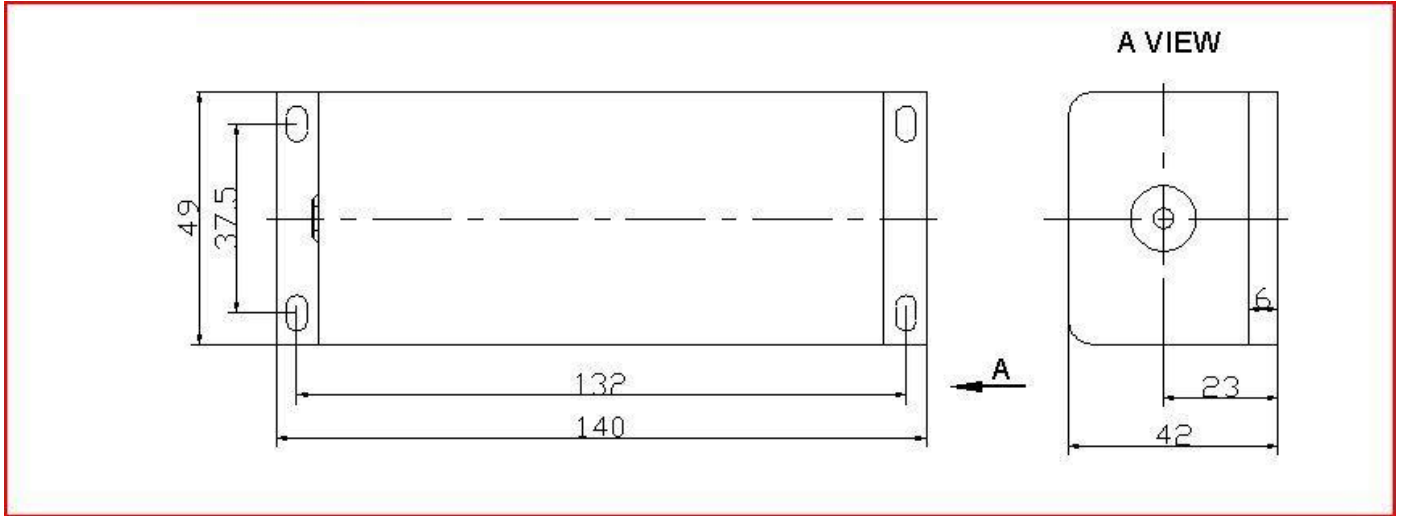


Specifications:

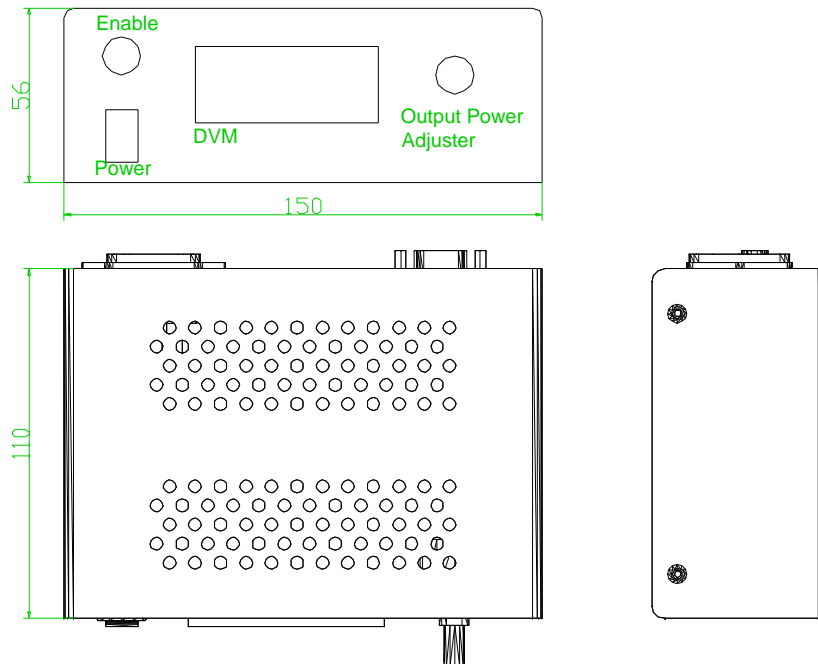
Wavelength	1064nm+/-0.5nm
CW Output power	20mW ~ 1000mW
Output stability	5% standard or 3% optional
Spectrum width	<0.1nm for RM version or 0.0001nm for RM1 version
Out put	Free Space or Fiber coupled
Fiber Core Diameter (fiber coupled)	4um, 50um, 100um, 200um, 400um
Connector (fiber coupled)	FC/APC or SMA
Beam Diameter(free space)	1mm
Beam Divergence (free space)	<1.5mrad
M2 (free space)	<1.2
Polarization Ratio (free space)	100:1
Pointing Stability (free space)	0.002mrad/ °C
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

1064nm Raman Laser Module

Mechanical Dimension of Laser Head for RM version

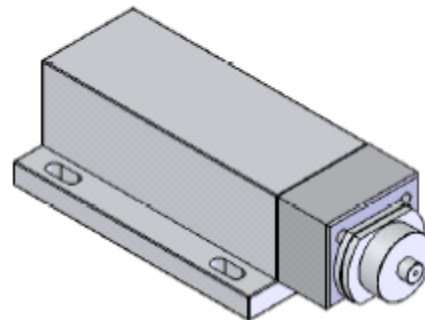
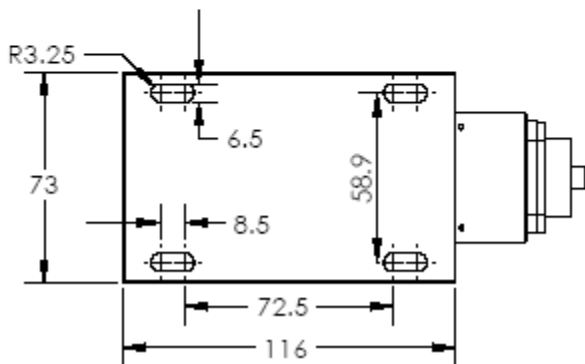
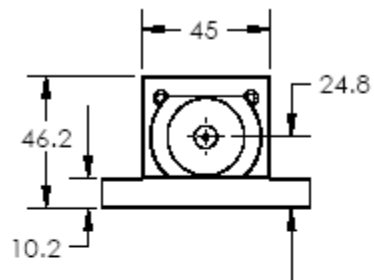
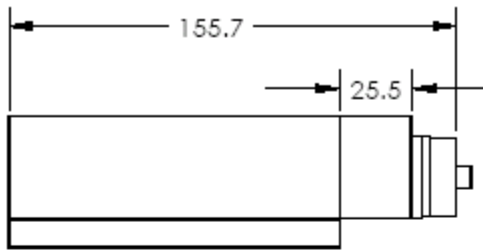
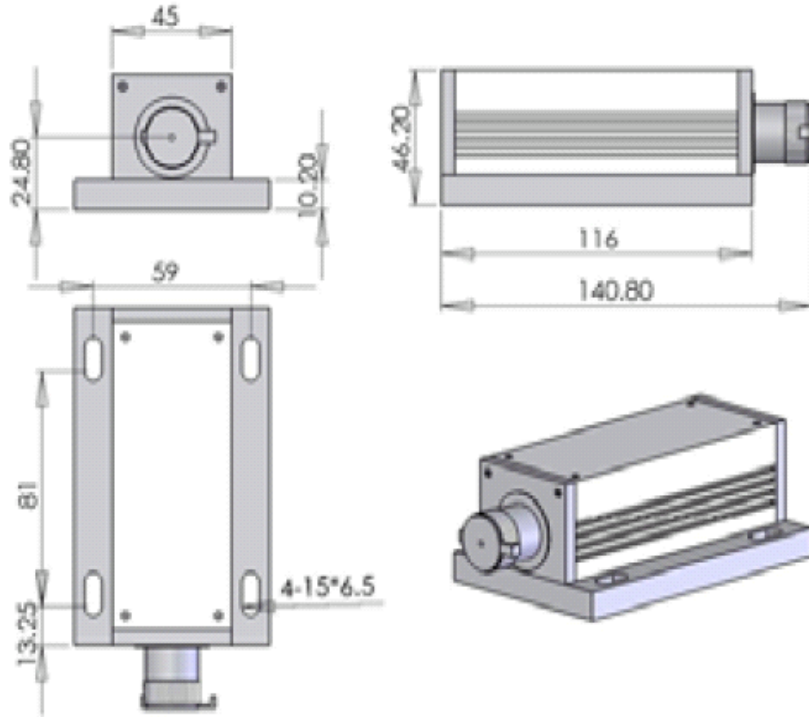


Mechanical Dimension of Laser Driver for RM version



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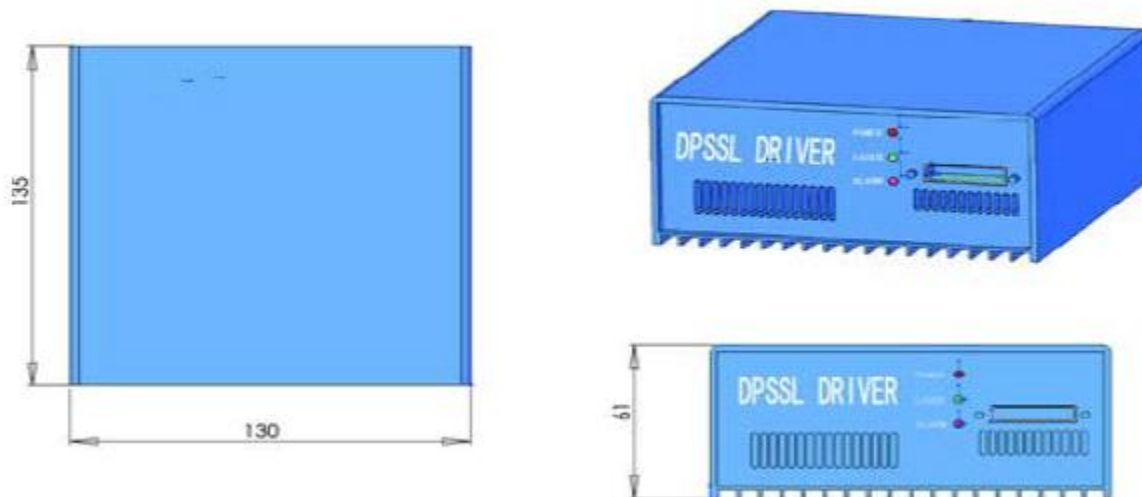
Mechanical Dimension of Laser Head for RM1 version





1064nm 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.