

OEM-N-1064/1.5~5W



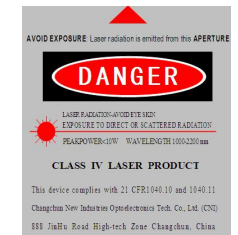
LD PUMPED ALL-SOLID-STATE INFRARED LASER MODULE CORE

All solid state 1064nm infrared laser module core is made features of ultra compact, long lifetime and easy operating. It's easy to be integrated into customer's equipment.

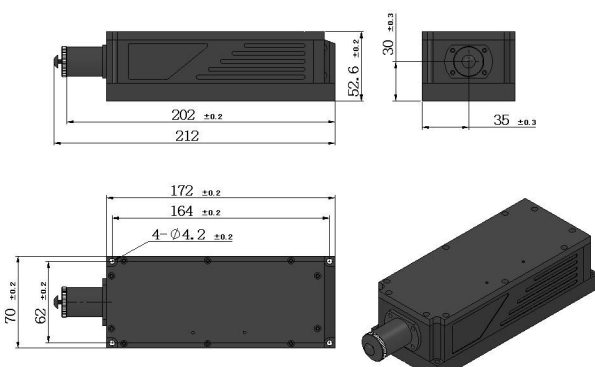
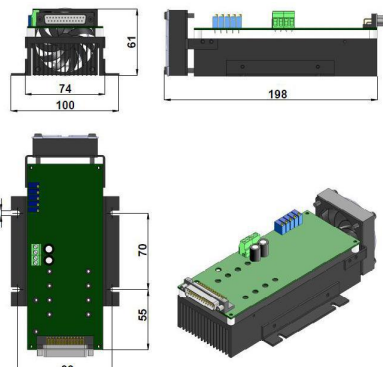
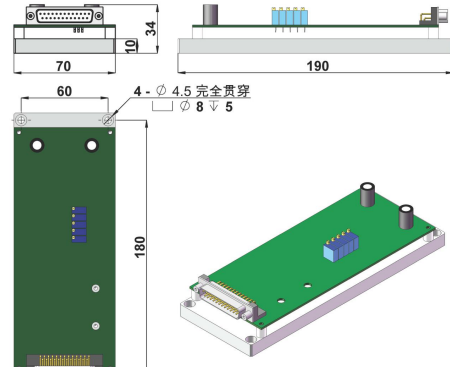
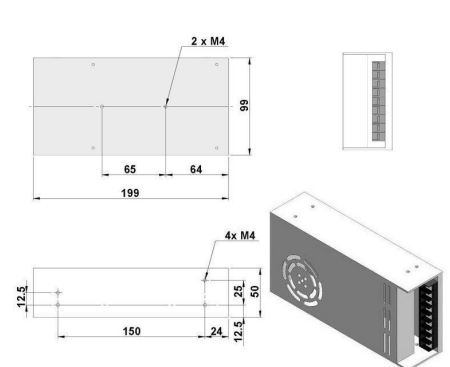


SPECIFICATIONS

Wavelength (nm)	1064 ± 1
Operating mode	CW
Output power (W)	>1.5, 2, 2.5, ..., 5
Power stability (rms, over 4 hours) at 25°C	<1%, <2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<2.0
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~3.5
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Beam height from base plate (mm)	30
Operating temperature (°C)	22.5+/-2.5
Driver (12VDC 25A)	PSU-OEM-N (key switch and emergency stop are available on request)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



Note: The laser needs to be used on a heat sink with good heat dissipation.

OEM-N-1064	PSU-OEM-N		Accessory (Power supply 100-240VAC)
	A heat dissipation	No heat dissipation	
 <p>212 (L) × 70 (W) × 52.6 (H) mm³, 1.4 kg</p>	 <p>198 (L) × 100 (W) × 61 (H) mm³, 0.7 kg</p>	 <p>190 (L) × 70 (W) × 34 (H) mm³, 0.4 kg</p>	 <p>12VDC 25A: 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg</p>