

MIL-W-1940/1~11W

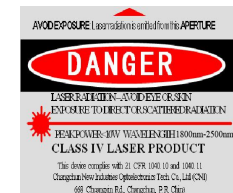
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1940nm

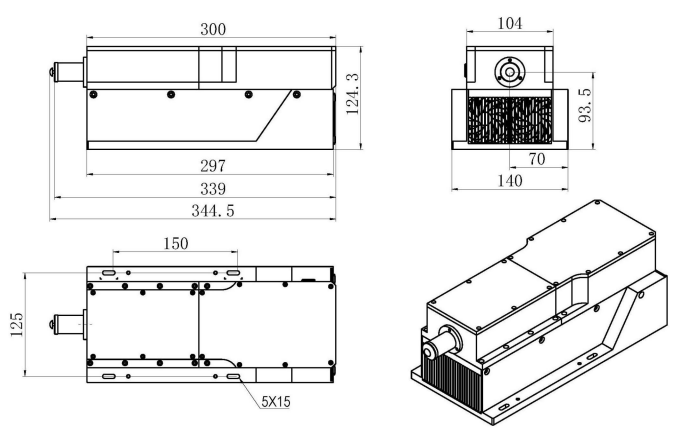
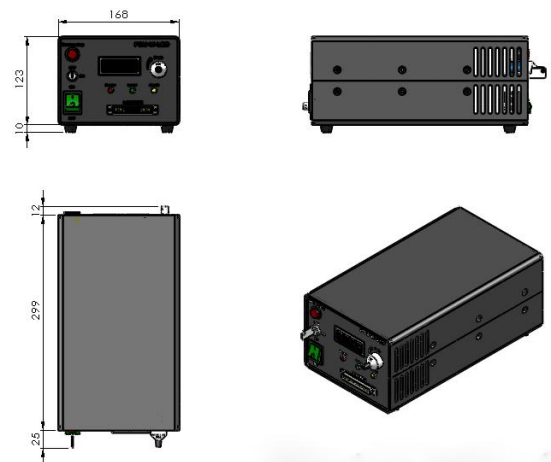
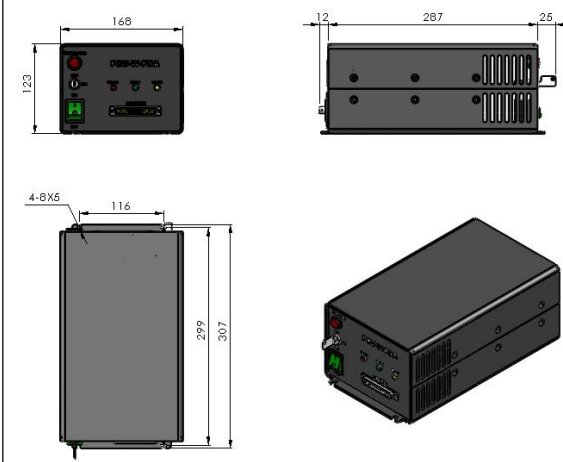
All solid state infrared laser module at 1940nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1940±2
Operating mode	CW
Output power (W)	>1, 2, 3, ... , 11
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<8
Beam diameter at the aperture (1/e ² ,mm)	<5
Polarization ratio	>100:1
Beam height from base plate (mm)	93.5
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-W-FDA or PSU-W-LED
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-W-1940	PSU-W-LED	PSU-W-FDA
 <p>344.5 (L) × 140 (W) × 124.3 (H) mm³, 5.7 kg</p>	 <p>336 (L) × 168 (W) × 133 (H) mm³, 4.6 kg</p>	 <p>307 (L) × 168 (W) × 123 (H) mm³, 4.5 kg</p>