

MIL-W-1990/1~11W

### LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1990nm


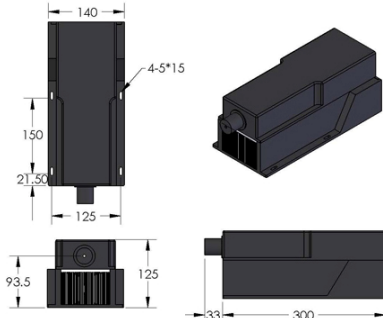

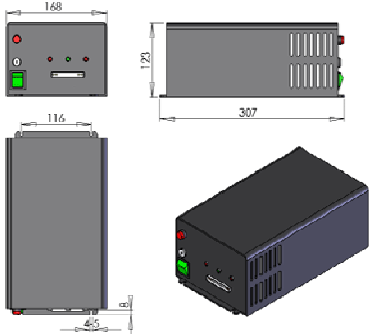
All solid state infrared laser at 1990nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



#### SPECIFICATIONS

Wavelength (nm)	1990 ± 5
Output power (W)	>1, 2, 3, ..., 11
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<4
Beam divergence, full angle (mrad)	<8
Beam diameter at the aperture (mm)	<4
Beam height from base plate (mm)	96
Polarization ratio	~500:1
Spectral linewidth(nm)	5
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MxL-W-1990	Dimensions	PSU-W-FDA	Dimensions
 <p>333(L)×140(W)×125(H) mm<sup>3</sup>, 6.1 kg</p>	 <p>140, 150, 21.50, 125, 93.5, 125, 33, 300, 4-5*15</p>	 <p>307 (L) × 168(W) × 123(H) mm<sup>3</sup>, 5.1 kg</p>	 <p>168, 123, 307, 116, 45</p>