

MIL-W-1985/1~10W

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1985nm


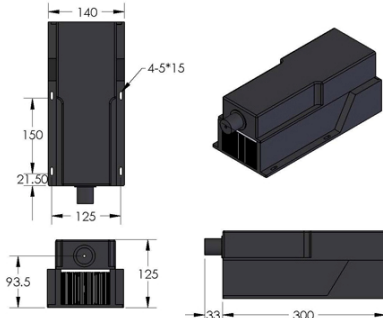

All solid state infrared laser at 1985nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1985 ± 3
Output power (W)	>1, 2, 3, ..., 10
Transverse mode	Near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<10
M ² factor	<2
Beam divergence, full angle (mrad)	~4.3
Beam diameter at the aperture (mm)	~2.3
Beam height from base plate (mm)	96
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-1985	Dimensions	PSU-W-FDA	Dimensions
 <p>333(L)×140(W)×125(H) mm³, 6.1 kg</p>		 <p>307 (L) ×168(W) ×123(H) mm³, 5.1 kg</p>	