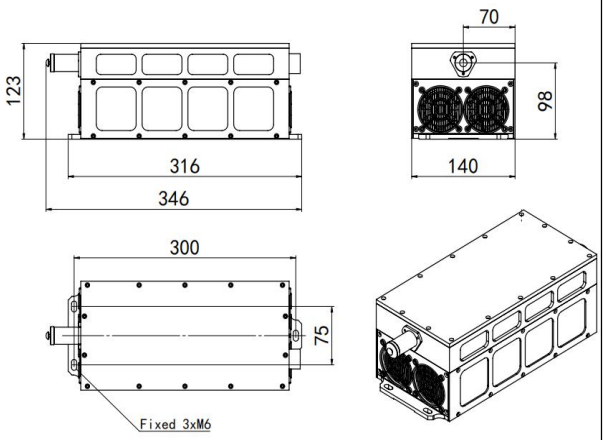
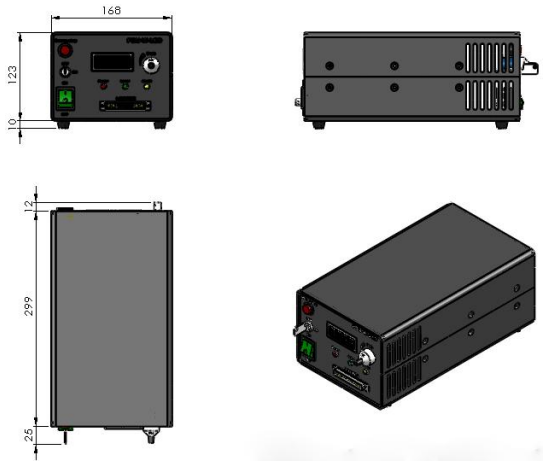
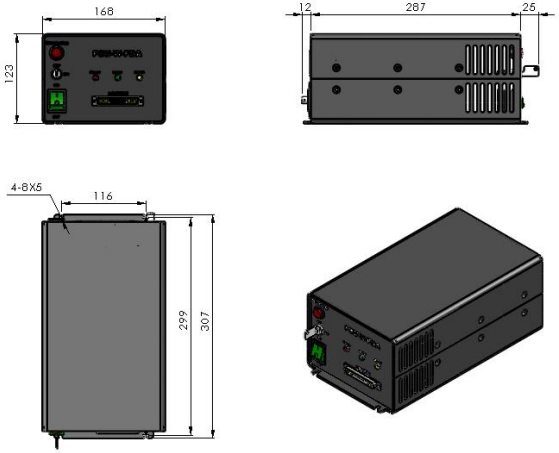
MIL-W-2096/1-2500mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 2096nm

All solid state 2096nm infrared laser is made features of high power ,good beam quality and easy operating, which is widely used in material processing especially for plastics, and it use for pumping of laser sources for the mid infrared region, medical procedures such as precise tissue ablation, ophthalmic surgery or dentistry, suppresses the bleeding during operations, etc.

SPECIFICATIONS

Wavelength (nm)	2096±6
Operating mode	CW
Output power (mW)[1]	1-2500
Power stability (rms, 4 hours±3℃)	<5%, <3%
Beam divergence, full angle (mrad)	<6
Beam diameter at the aperture (1/e^2,mm)	<4
Beam height from base plate (mm)	98
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (℃)	15-35
Power supply (100-240VAC)	PSU-W-LED or PUS-W-FDA
Expected lifetime (hours)	>10000

LASER HEAD	POWER SUPPLY (PSU-W-LED)	POWER SUPPLY (PSU-W-FDA)
		
346 (L) ×140 (W) ×123 (H) mm^3, 8.5kg	**336 (L) ×168 (W) ×133 (H) mm^3, 4.6 kg**	**307 (L) ×168 (W) ×123 (H) mm^3, 4.5 kg**

1 Any power level can be selected in this range.