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DATA SHEET

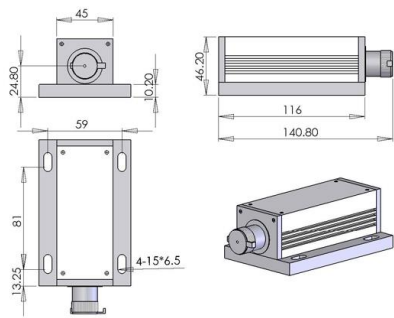
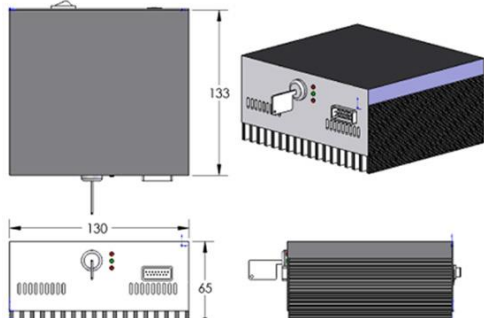
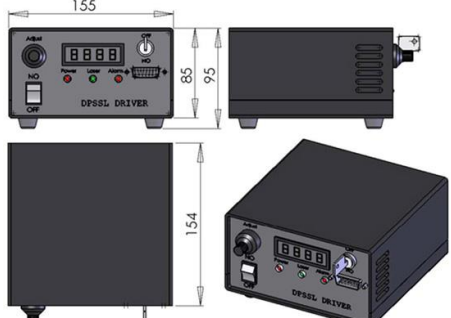
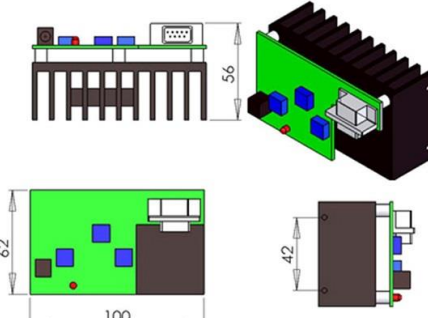
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 946nm

All solid state infrared laser at 946nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, optical instrument, communication, spectrum analysis, etc.



Model: MIL-III-946/1~300mW

Wavelength (nm)	946 ± 1nm		
Output Power (mW)	>10, 20, 30, ... , 300		
Transverse Mode	TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
M ² factor	<1.5		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at 1/e ² (mm)	~1.5		
Beam height from base plate (mm)	24.8		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-III-914	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
 <p>140.8(L) ×73(W) ×46.2(H) mm³, 0.6kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	 <p>154 (L) ×155(W) ×95 (H) mm³, 1.5 kg</p>	 <p>100 (L) ×62(W) ×56 (H) mm³, 0.2 kg</p>