

## PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

## MIL-H-1112/100~500mW

## **SPECIFICATIONS**

## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1112nm

All solid state infrared laser at 1112nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



Wavelength (nm)	1112 ± 3	1112 ± 3		
Output power (mW)	>100, 150, 200, 500	>100, 150, 200, 500		
Transverse mode	TEM <sub>00</sub>			
Operating mode	CW			
Power stability (rms, over 4 hours)	<3%, <5% , <10%			
Warm-up time (minutes)	<10	2 Mars		
M <sup>2</sup> factor	<2.0			
Beam divergence, full angle (mrad)	<2.0			
Beam diameter at 1/e <sup>2</sup> (mm)	~3.0			
Beam height from base plate (mm)	29	AVODEPOSLFE Lawraddon sended tooths APERTUPE		
Pointing stability after warm-up (mrad)	<0.05			
Operating temperature (°C)	10~35	DANGER		
Power supply (90-264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	LASERRADADON-ANODDRECTENOR RETOREN
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			HEADONER SOME WATERSTH 1005mm 1122m CLASS HID LASER PRODUCT
Expected lifetime (hours)	10000	Tas deter congles with 21 CFR 1040 10 and 1040 11 Changchan/New Judatter Optoric-trans Tech. Co. (LM (208) 601 Changcha IL, Changchan, P.R. Chen		
Warranty	1 year			

MxL-H-1112	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
		DPSSL DRIVER	DPSSL DRIVER
153(L)×77(W) ×60(H) mm <sup>3</sup> , 0.9 kg	268 (L) ×145(W) ×106 (H) mm <sup>3</sup> , 2.6 kg	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	238 (L) ×146(W) ×94 (H) mm <sup>3</sup> , 2.2 kg