

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MIL-H-1122/300~1000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1122nm

All solid state infrared laser at 1122nm 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)	1122 ± 3			
Output power (mW)	>300, 350, 400, 1000	>300, 350, 400, 1000		
Transverse mode	TEM ₀₀			
Operating mode	CW			
Power stability (rms, over 4 hours)	<3%, <5% , <10%			
Warm-up time (minutes)	<10			2005
M ² factor	<2.0			
Beam divergence, full angle (mrad)	<2.0			
Beam diameter at 1/e ² (mm)	~3.0			
Beam height from base plate (mm)	29	AVODERPOSUPE Lawrindern entedtoorte APERTURE		
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-ANDIDINE TENORIRETOLEA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			HARDONECOMPUSATION INCOMENCIAL INCOMENTING
Expected lifetime (hours)	10000			This device complex with 21 CFR 1040 10 and 1040 11 Changchan/New Industries Opticidestrates Tesh, Cir, Lid (CNI) 661 Changchin FM, Changchin, F.R. Chan
Warranty	1 year			

MxL-H-1122	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
		DPSSL DRIVER	DPSSL DRIVER
153(L)×77(W) ×60(H) mm ³ , 0.9 kg	268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	238 (L) ×146(W) ×94 (H) mm ³ , 2.2 kg