

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

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			
Transverse mode	TEM ₀₀			
Operating mode	CW			
Power stability (rms, over 4 hours)	<3%, <5% , <10%			
Warm-up time (minutes)	<10			- Ann
M ² factor	<2.0			
Beam divergence, full angle (mrad)	<2.0			
Beam diameter at 1/e ² (mm)	~3.0			7
Beam height from base plate (mm)	29	AVODEPOSUPE Laurnation control fronte 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	LASER RADIATION - AVOID DESCRIPTION
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			PEADOWER SOLAV WANELENCEH 1085ans 11 CLASS HIB LASER PRODUCT
Expected lifetime (hours)	10000			This device complex with 21 CFR 1040 10 and 1040 11 Changchan/New Judaties Optodectories Tech. Co., Ld (CNI) 600 Changem Rd, Changchia, P.R. Chen
Warranty	1 year	and a subscription of the		

MxL-H-1112	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
		DPSSL DRIVER NOT THE SECOND	DPSSL DRIVER
153(L)×77(W) ×60(H) mm ³ , 0.9 kg	268 (L) $\times 145(W) \times 106$ (H) mm³, 2.6 kg	238 (L) $\times 146 (W) \times 102$ (H) mm ³ , 2.3 kg	238 (L) ×146(W) ×94 (H) mm ³ , 2.2 kg