

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

**OEM-IR-2096**/3~20W

## **SPECIFICATIONS**

## 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 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.



Wavelength (nm)	2096±5	
Operating mode	CW	
Output power (W)	>3,5,10,,20	
Beam divergence, full angle (mrad)	<3	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<3	
Power stability (rms, over 4 hours)	<3%, <5%	
Beam height from base plate (mm)	26.4	AVODEXPOSURE Laserradation is embled from this APERTURE
Warm-up time (minutes)	<10	
Operating temperature (°C)	10~30	LASER ADMIN AVOID EVE OR SKIN
Power supply	PSU-MIR (3U)	ENFOSURE TO DIRECT OR SCATTERED RADIATION
Expected lifetime (hours)	10000	HEAKPOWER-107W WAVELENGTH 1000nm-2000um CLASS IV LASER PRODUCT
Warranty period	l year	This device complies with 21 CPR 1040 10 and 1040 11 Changdhan New kaloksins Cytotelectron's Tech Co., 134 (CNI) 668 Chuangain Rd, Changdhan, P.R. China



