



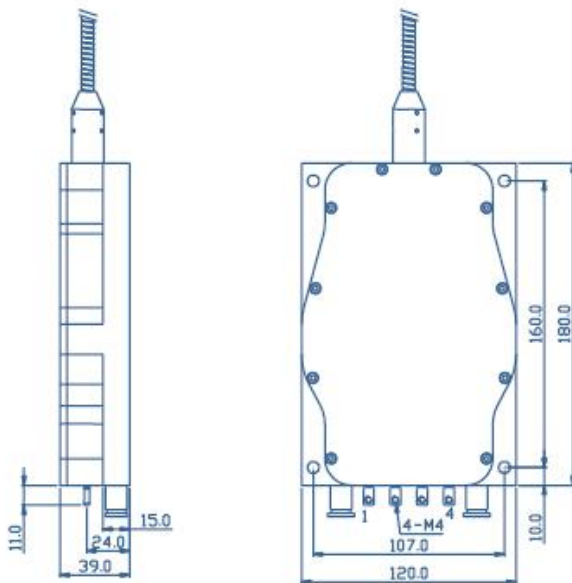
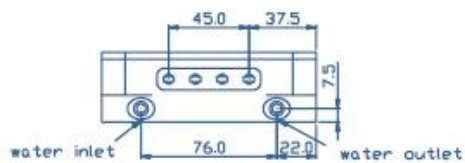
Characteristics
Output Power 250W
Wavelength: 808nm
Fiber Coupling 1000μm
Fiber Core Dia. 0.22NA
Applications
Medical use, Material processing

Parameter		Symbol	Typical	Unit
Optical	CW Out Power	P_{op}	250	W
	Center Wavelength	λ	808±10	nm
	Spectral Width (90% of Power)	$\Delta\lambda$	<10	nm
	Wavelength Shift width Temperature	$\Delta\lambda/\Delta T$	0.35	nm / °C
Electrical	Threshold Current	I_{th}	1.5	A
	Operating current	I_{op}	11	A
	Operating Voltage	V_{op}	55	V
	Slop Efficiency	η_{es}	29	W / A
	Power Conversion Efficiency	η_{ep}	41	%
Fiber	Fiber Core Diameter	d_{core}	1000	μm
	Numerical Aperture	NA	0.22	-

Other Parameters

Parameter	Operating Temperature/°C	Operating Relative Humidity/%	Storage Temperature/°C	Storage Relative Humidity/%	Lead Soldering Temperature, 10s max/°C
Min	10	-	-20	-	-
Max	40	75	80	90	250

Package Dimensions (mm)



Pins and Functions

Pin	Function
1	LD(-)
2	Thermistor
3	Thermistor
4	LD(+)



Changchun New Industries Optoelectronics Tech. Co., Ltd
<http://www.cnilaser.com>

◆ CONTACT

No.888, Jinhua Road, High-tech zone, Changchun
 130103, China

Phone: 0086-431-87033597

Fax: 0086-431-87033597