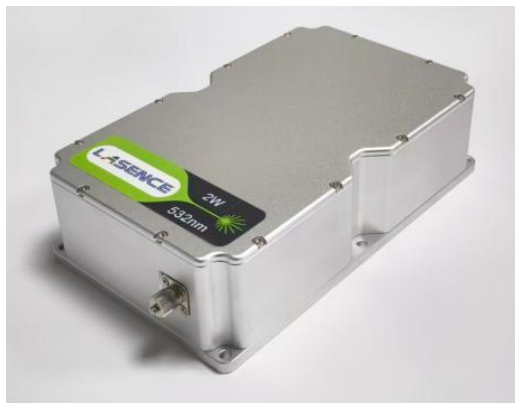


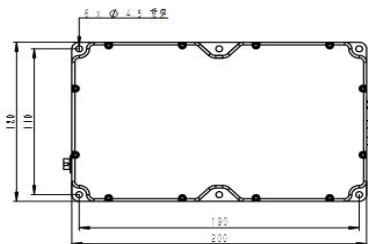
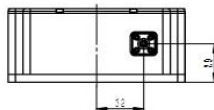
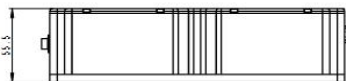
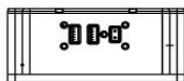


G532D2000-200x120x56-FC50-0.22

Features

- DPSS green laser
- 2W after 50μm fiber
- Ophthalmology application
- High performance

Dimensions (Unit: mm)



Specifications				
Model Number		G532D2000-200x120x56-FC50-0.22		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Height (mm)	-	120X56	-
	Length (mm)	-	-	200
	Weight (g)	-	-	1000
Housing Material		aluminum		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		530	532	534
Output Power (mW) at 10A		2000	-	-
Spectral Bandwith (nm)		-	-	1
Power Stability at const. Temperature ⁽¹⁾		-	1%	3%
Output Power Mode		CW or QCW		
Laser Class		4		

⁽¹⁾ after warn-up time, RMS.

Long-pulse Width(ms)		10	-	3000
Long-pulse Interval(ms)		10	-	3000
Indicating Optical Power(mW)		0.5	-	2
Indicating Optical Wavelength(nm)		630	-	660
Beam Specifications		Min	Typ	Max
Fibe	Core Diameter(μm)	-	50	-
	NA	-	0.22	-
	Length(m)	-	2.5	-
	Connector	SMA905		
Beam Mode Longitude ⁽²⁾		Multi		
Polarization Ratio (Linear)		1:1	-	-
Residual IR		-	-	3%
Electrical Specifications		Min	Typ	Max
Power Type ⁽³⁾		APC		
Voltage (DC, V)		11	12	13
Operating Current (mA)		-	4,000	5,000
Power Consumption (W) at 25°C ⁽⁴⁾		-	48	65
Housing Isolation		No		
ESD protection		No		
Reliability		Min	Typ	Max
Operating Ambient Temperature (°C)		15	20	25
Warm-up Time (mins)		-	5	10
Storage Temperature (°C)		0	-	40
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		10,000	-	-
RoHS Compliance Declaration		Yes		
Control		RS-232 serial port		

⁽²⁾ See picture 2 on page 3 for example of beam spot

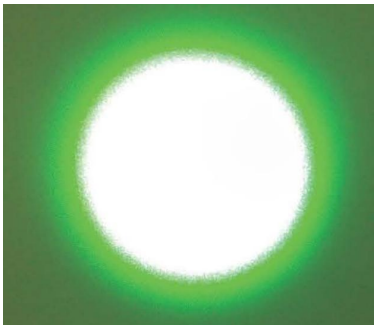
⁽³⁾ including driver, temperature control and program control

⁽⁴⁾ The base of the laser should be placed on a platform with good thermal conductivity

Remarks

- Product ID for placing orders:G532D2000-200x120x56-FC50-0.22
- Datasheet Version: 1
- No Photodiode
- Customer is responsible for suitable heat sinking
- Example of beam spot (see picture1)

Picture 1



Picture 2

