

## SM 405nm Fiber Coupled Diode Laser System

Wavespectrum Laser, Inc

### Features:

- 405nm
- 4um SM Fiber
- High Power Stability
- High Temperature Stability
- Built-in TEC Cooling
- Output Power adjustable
- CW/TTL Mode optional
- Easy to use



### Specifications

WSLS-405-045m-4

	Min	Type	Max
Center Wavelength@25℃	400nm	405nm	410nm
Output Power adjustment range	0~45mW		
Fiber Core	4um single mode fiber		
Long Term Power Stability	----	1%	3%
Temperature Stability	----	0.01℃	----
Noise (p-p) (10Hz to 20MHz)	----	2%	----
RMS Noise (10Hz to 20MHz)	----	0.2%	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
DC Power Supply	5V±0.1V, Ripple<25mVp-p, < 2A		
TTL modulation	Optional		
Operating Temperature	0~+50℃		
Cooling	TEC Cooling		
Protection	(1)Reverse polarity and transient/ESD, (2)over temperature and LED pre-failure indicator, (3)interlock		



光技術をサポートする

株式会社オプトサイエンス

<http://www.optoscience.com>

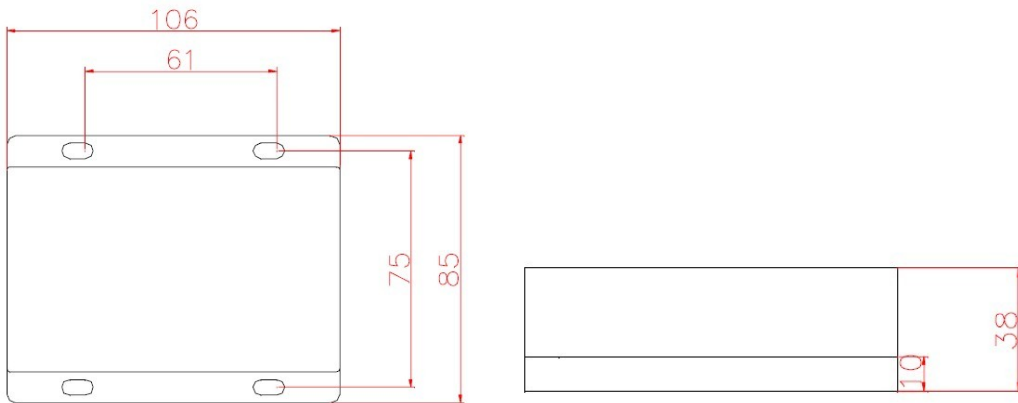
東京本社 〒160-0014 東京都新宿区内藤町1番地 内藤町ビルディング TEL:03-3356-1064

大阪支店 〒532-0011 大阪市淀川区西中島7-7-2 新大阪ビル西館 TEL:06-6305-2064

名古屋営業所 〒450-0002 名古屋市中村区名駅2-37-21 東海ソフトビル TEL:052-569-6064

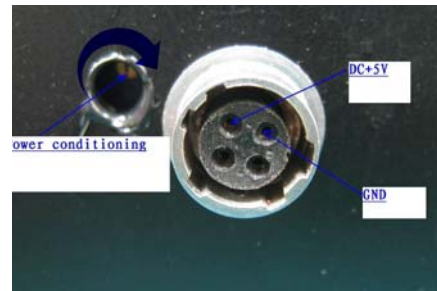
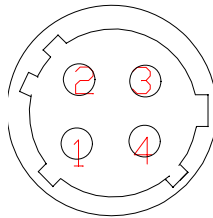
E-mail:info@optoscience.com

## Dimension (Unit: mm)



## Interface 4Din connector pin out

- 1 NC
- 2 Input 5VDC
- 3 Input GND
- 4 NC



## Laser Safety

High powered laser module emit radiation in the visible and infrared region of the spectrum. When in use, safety pre-precautions should be taken, to avoid possibility of eye damage. if any part of the body is exposed to the beam. The eye is extremely sensitive to the infrared radiation and therefore, proper eyewear must be worn at all times.

