

405nm~410nm 1W Fiber Detachable LD | Built-in TEC cooler

405nm Fiber Receptacle Laser Diode| Suit for 200um, 400um UV Fiber

WSLR-405-001-200M-H9-T

Wavespectrum Laser Group

www.wavespectrum-laser.com

405nm Fiber Detachable Diode Laser		1W	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	0 ~ +40		°C
Storage Temperature	T _{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 405nm - Suit for 200um UV Fiber - Fiber Detachable Package - Built-in TEC Cooler				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLR-405-001-200M-H9-T		
	Min	Type	Max	
Center Wavelength@25°C	405nm±10nm			
Spectral Width (FWHM)	----	4nm	----	
Output Power(After Fiber End)	----	1W	----	
Used Fiber Core	200um (400um or more) UV Fiber			
Recommended Operating Temperature	25°C			
Detachable Fiber Connector	SMA905			
Threshold Current (Typ.)	----	120mA	200mA	
Operating Current (Typ.)	----	440mA	500mA	
Operating Voltage	----	10.0V	12.0V	
TEC Max. Current	6A			
TEC Max. Voltage	9.8V			
Thermistor	10K			
Package Style	9-Pin Detachable			
Fiber Detection Function	Optional			

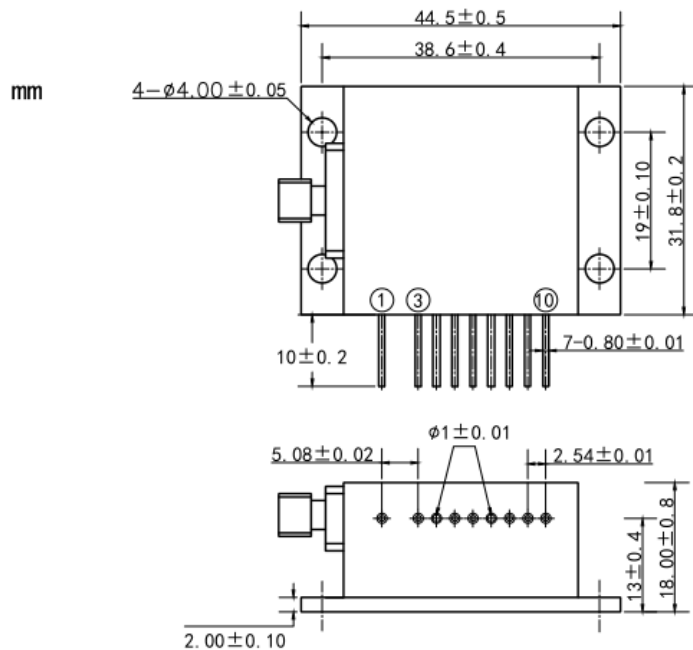
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9-Pin Package View:



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	Thermistor
6	Thermistor
7	LD (-)
8	None
9	None
10	TEC (+)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

