

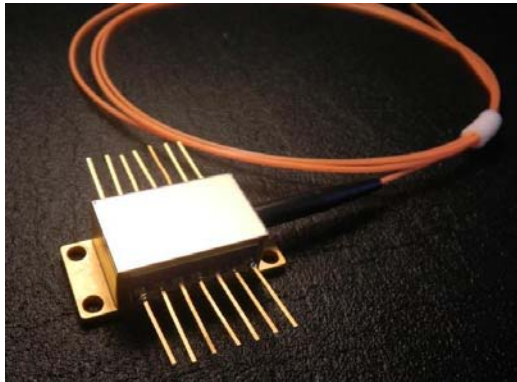
905nm 1mw~2mw SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler

905nm SM Fiber Coupled LD with 14-Pin package | Infrared Laser Diode

WSLX-905-001m-4-T-PD

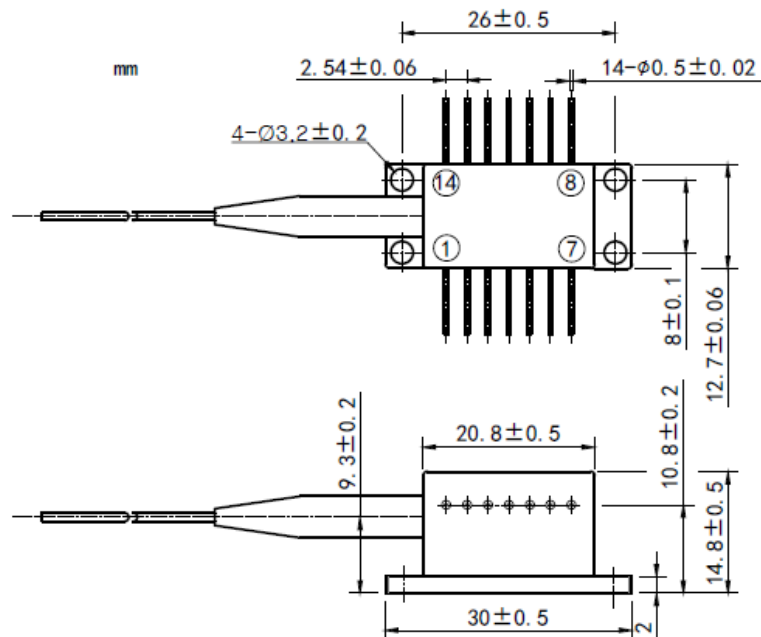
Wavespectrum Laser Group

www.wavespectrum-laser.com

905nm Pigtailed Diode Laser		1mW/SM Fiber	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +80		°C
Lead soldering temperature (5 sec.)	T _{is}	250		°C
Features:				
Applications:				
905nm				
With SM Fiber				
14-Pin Package				
Built-in TEC Cooler				
Medical laser treatment				
Sensor				
Others				
Specifications	WSLX-905-001m-4-T-PD			
	Min	Type	Max	
Center Wavelength@25°C	±3nm	905nm	±10nm	
Recommend Operating Temperature	25°C			
Output Power	----	1mw	----	
Fiber Type	Single Mode Fiber			
Fiber Core	5um			
Threshold Current (Typ.)	----	10mA	25mA	
Operating Current (Typ.)	----	40mA	50mA	
Operating Voltage	----	1.9V	2.4V	
TEC Max Current	1.8A			
TEC Max Voltage	2.5V			
Thermistor	10K			
Fiber Connector	FC/SMA905			
Fiber Length	80cm			
Package Style	14-Pin			



14-Pin Package View



Pin Out:

PIN	FUNCTION	PIN	FUNCTION
1	TEC(+)	14	TEC(-)
2	THERMISTOR	13	CASE
3	PD(+)	12	NC
4	PD(-)	11	LD(-)
5	THERMISTOR	10	LD(+)
6	NC	9	NC
7	NC	8	NC

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.



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