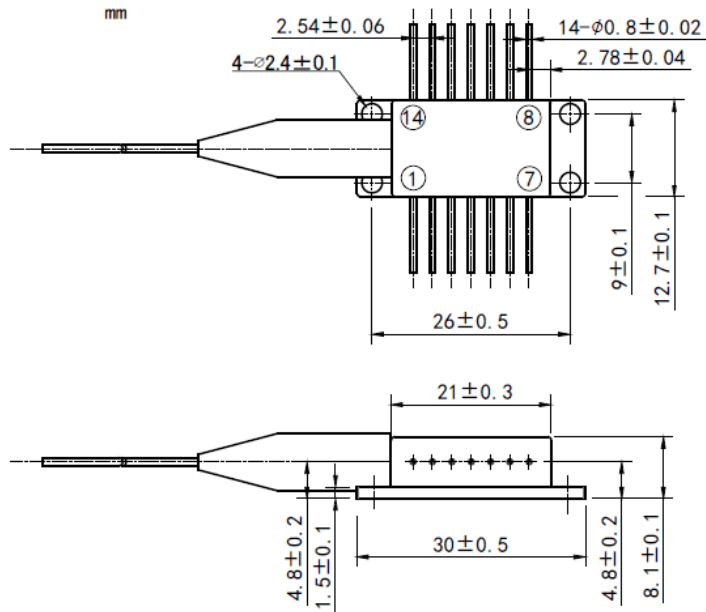


1280nm~1290nm 1W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 14-Pin Butterfly Package
 1290nm 1W|14-PIN (BTF) Package| 105um 200um 400um Fiber Core| High Power LD | Built-in PD
 WSLX-1290-001-M-H14-T-PD Wavespectrum Laser Group en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE		UNIT		
Reverse Voltage	V _r	2.0		V		
Operating Temperature	T _{op}	+10 ~ +30		°C		
Storage Temperature	T _{stg}	-20 ~ +80		°C		
Lead soldering temperature (10 sec.)	T _{is}	260		°C		
Features: 1290nm Multimode Fiber 14-Pin Package Built-in TEC Cooler Built-in Photodiode						
					Applications: Medical Laser Treatment Others	
Specifications		WSLX-1290-001-M-H14-T-PD				
		Min.	Type	Max.		
Center Wavelength@25°C		1290nm±50nm				
Spectral Width (FWHM)		-----	10nm	-----		
Output Power		-----	1W	-----		
Temperature Coefficient of Wavelength		-----	0.7nm / °C	-----		
Threshold Current (Typ.)		-----	1.0A	-----		
Operating Current (Typ.)		-----	4.5A	-----		
Operating Voltage		-----	1.5V	-----		
Recommended Case Temperature		25°C				
TEC Max. Current		2A				
TEC Max. Voltage		8V				
Thermistor		10K				
Fiber Core Diameter		105um				
Fiber Numerical Aperture		0.22				
Fiber Length		>80cm				
Package Style		14-Pin-01				
Connector Type		SMA905 / ST / FC				



14-Pin-01 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.

