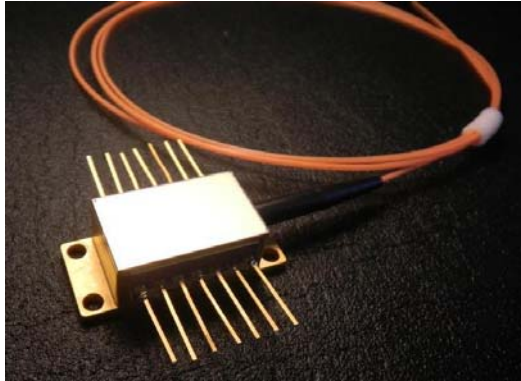
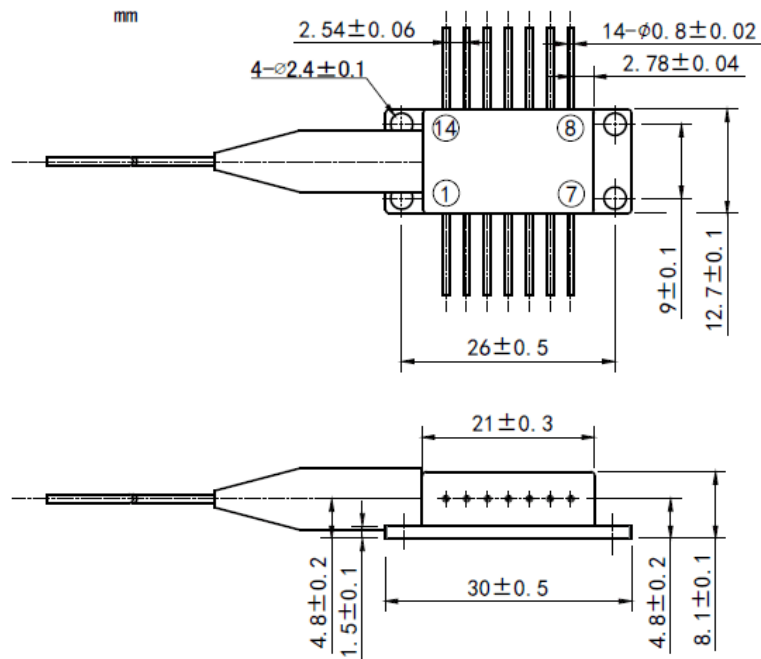


770nm~775nm 2W Fiber Coupled Diode Laser Module with TEC cooler | 14-Pin Butterfly Package
770nm 2W | 14-Pin (BTF) Package| 105um 200um or 400um Fiber Core| High Power LD |Built-in Photodiodes
WSLX-770-002-M-H14-T-PD **Wavespectrum Laser Group.** **en.wavespectrum-laser.com.cn**

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: 770nm 14-Pin Package - Built-in TEC Cooler - Built-in Photodiode Applications: - Medical Laser Treatment - Others			
Specifications		WSLX-770-002-M-H14-T-PD	
		Min	Type
Center Wavelength@25°C		770nm ± 10nm	
Spectral Width (FWHM)		2nm	
Output Power		-----	2W
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		1.2A	
Operating Current (Typ.)		4.0A	
Operating Voltage		2.0V	
Recommended Case Temperature		25°C	
TEC Max. Current		2A	
TEC Max. Voltage		8V	
Fiber Core Diameter		105um	
Fiber Numerical Aperture		0.22	
Package		14-Pin-01	
Fiber Length		>80cm	
Photodiode		Built-in	
Connector Type		FC(SMA905 Optional)	



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.

