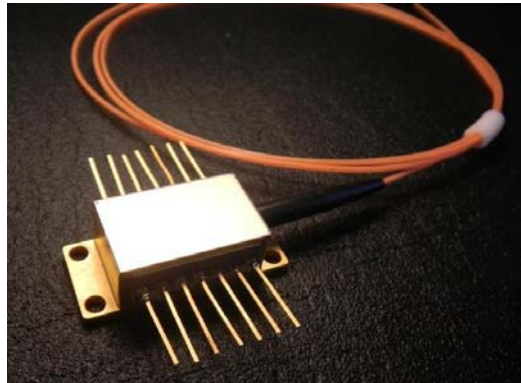


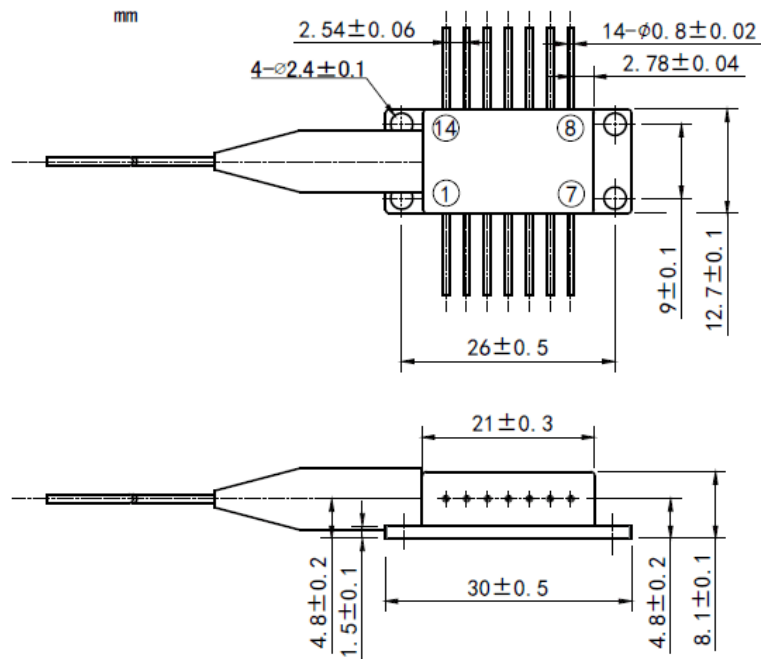
770nm~775nm 2W Fiber Coupled Diode Laser Module with TEC cooler | 14-Pin Butterfly Package

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. www.wavespectrum-laser.com

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	Max
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.)		3.6A		
Operating Voltage		2.0V		
Recommended Case Temperature		25°C		
TEC Max. Current		2A		
TEC Max. Voltage		8V		
Fiber Core		105um(200um optional)		
N.A.		0.22		
Package		14-Pin		
Fiber Length		>80cm		
Photodiode		Built-in		
Connector Type		FC(SMA905 Optional)		



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.

