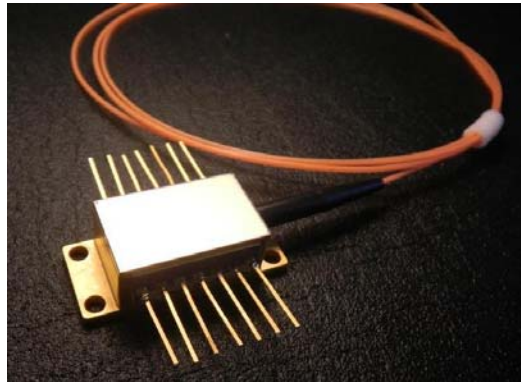
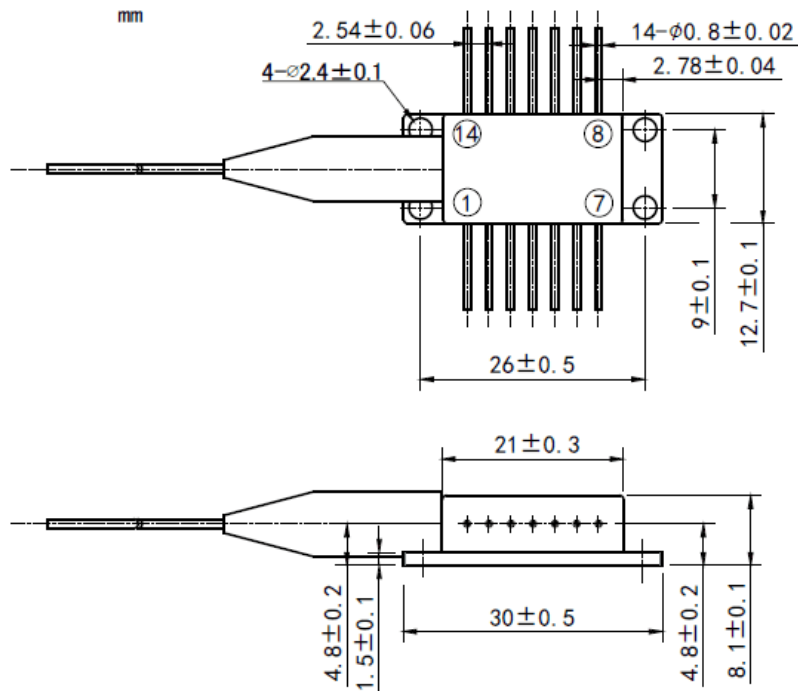


670nm 1W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
660nm~670nm 1W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Red LD Module
WSLX-670-001-M-H14-T-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

670nm Pigtailed Diode Laser		1W/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
MAX 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: 670nm 14-Pin Butterfly Package Built-in TEC Cooler Built-in Photodiode					
Applications: Medical Laser Treatment Sensor Others					
Specifications		WSLX-670-001-M-H14-T-PD			
		Min	Type		Max
Center Wavelength@25℃		670nm±10nm			
Output Power		----	1W		----
Spectral Width (FWHM)		----	3nm		----
Recommended Operating Temperature		25℃			
Temperature Coefficient of Wavelength		0.2nm / °C			
Threshold Current (Typ.)		----	0.5A		1.0A
Operating Current (Typ.)		----	1.6A		1.8A
Operating Voltage		----	2.2V		2.5V
TEC Max Current		2A			
TEC Max Voltage		8V			
Thermistor		10K			
Fiber Core Diameter		105um			
Fiber Numerical Aperture		0.22			
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.

