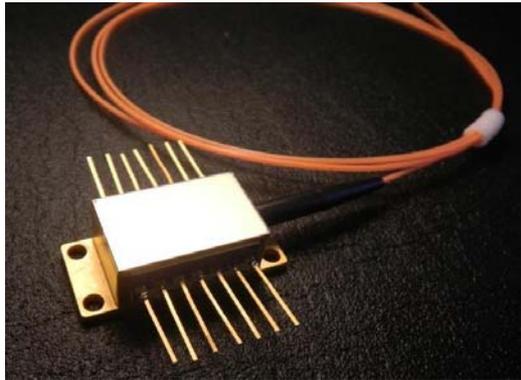
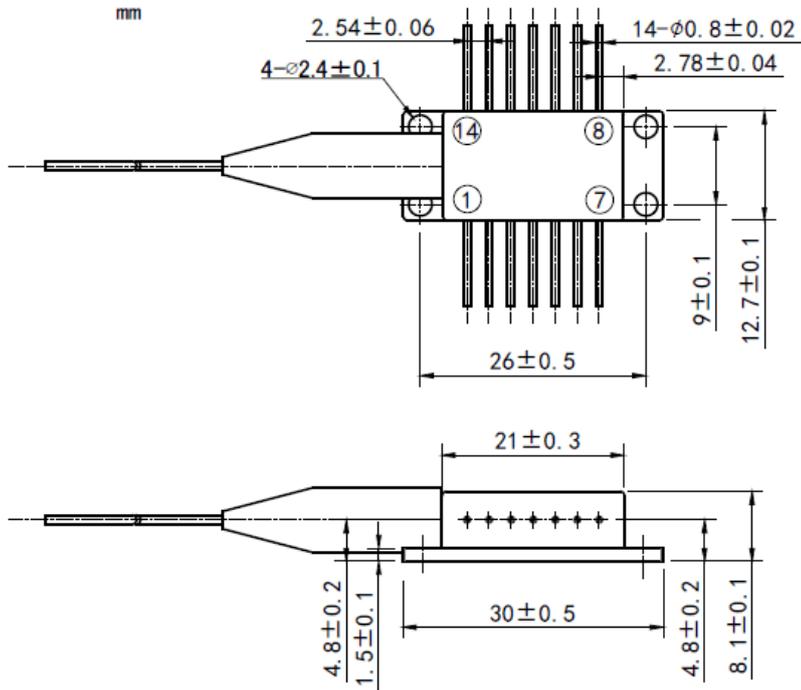


655nm 1W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
650nm~655nm 1W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Red LD Module
WSLX-655-001-M-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

655nm 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: <ul style="list-style-type: none"> ● 655nm ● 14-Pin Butterfly Package ● Built-in TEC Cooler ● Built-in Photodiode 				
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Sensor ● Others 				
Specifications		WSLX-655-001-M-H14-T-PD		
		Min	Type	Max
Center Wavelength@25°C		655nm±10nm		
Output Power		----	1W	----
Spectral Width (FWHM)		----	3nm	----
Recommended Operating Temperature		25°C		
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.

