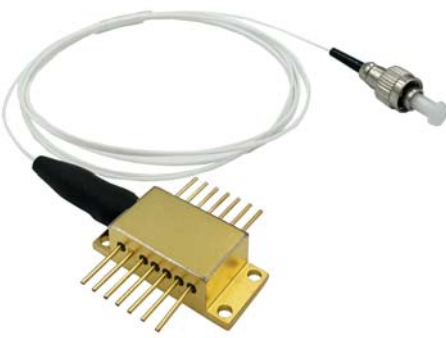


690nm 800mW Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
 685nm~690nm 800mW Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Infrared LD Module
 WSLX-690-800m-M-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

690nm Pigtailed Diode Laser	0.8W/MM Fiber	en.wavespectrum-laser.com.cn
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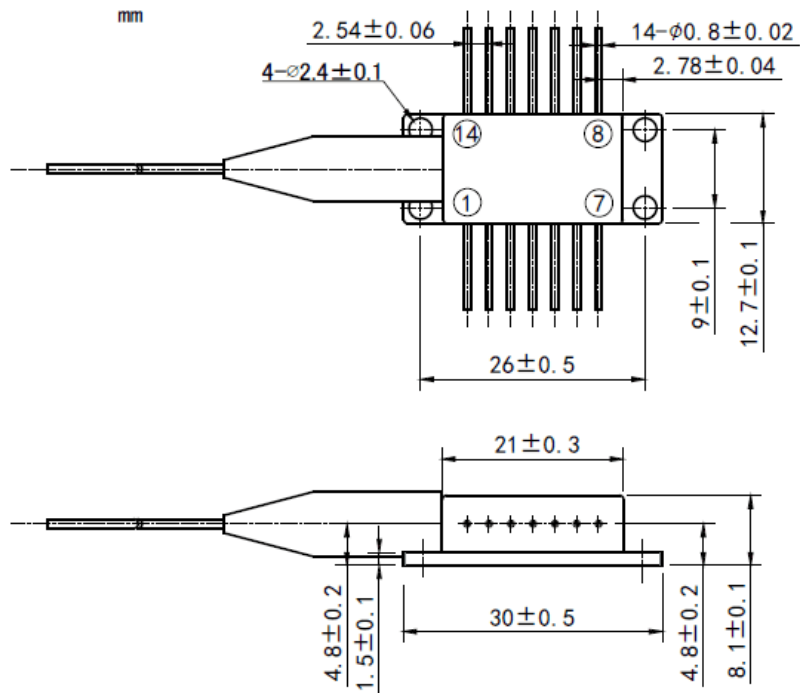
PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features: 690nm 14-Pin Butterfly Package - Built-in TEC Cooler - Built-in Photodiode	
Applications: - Medical Laser Treatment - Sensor - Others	

Specifications	WSLX-690-800m-M-H14-T-PD		
	Min	Type	Max
Center Wavelength@25°C	690nm±10nm		
Output Power	700mW	800mW	----
Spectral Width (FWHM)	----	2nm	----
Recommended Operating Temperature	25°C		
Temperature Coefficient of Wavelength	0.2nm / °C		
Threshold Current (Typ.)	0.4A		
Operating Current (Typ.)	1.1A		
Operating Voltage	2.4V		
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-01		



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.

