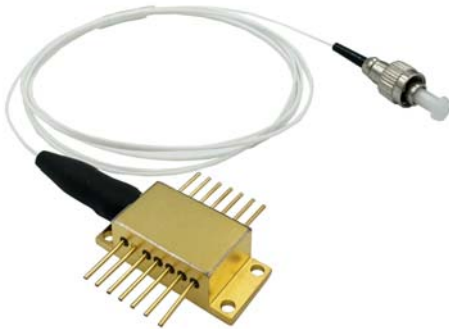
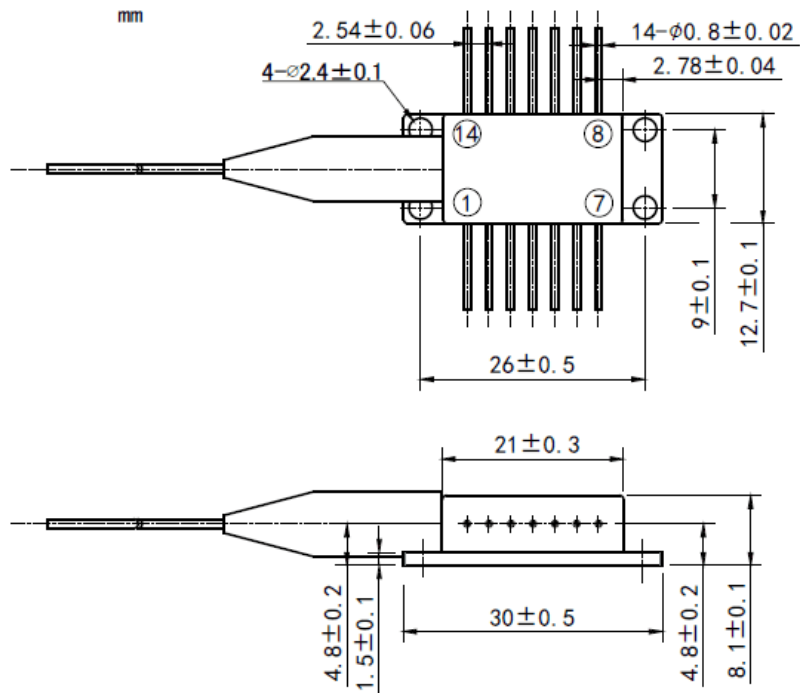


690nm 700mW 50um Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With PD
 685nm~690nm 700mW Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Infrared LD Module
 WSLX-690-700m-50M-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

690nm Pigtailed Diode Laser		0.7W/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: 690nm 14-Pin Butterfly Package Built-in TEC Cooler Built-in Photodiode					
Applications: Medical Laser Treatment Sensor Others					
Specifications		WSLX-690-700m-50M-H14-T-PD			
		Min	Type		Max
Center Wavelength@25℃		690nm±10nm			
Output Power		----	700mW		----
Spectral Width (FWHM)		----	2nm		----
Recommended Operating Temperature		25℃			
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		50um			
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.

