



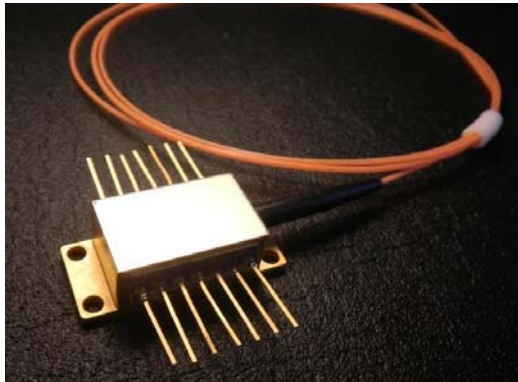
635nm 400mW Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler

635nm~638nm 400mW Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Built-in PD

WSLX-635-400m-M-H14-T-PD

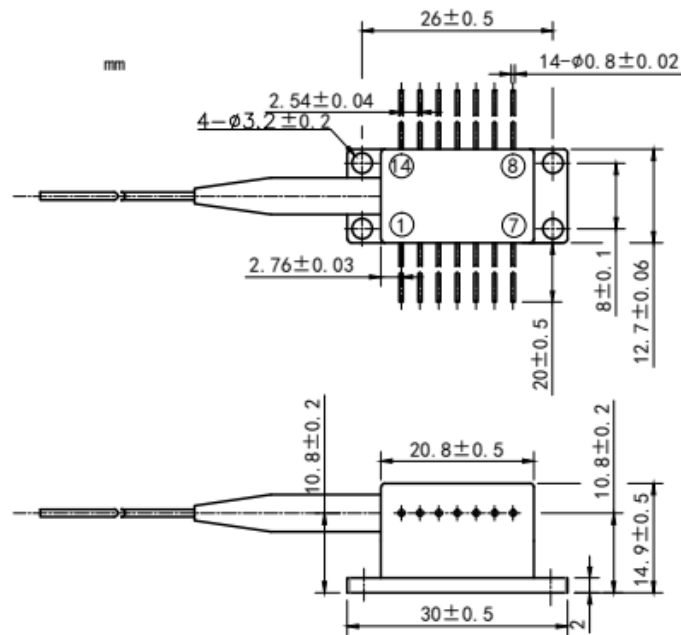
Wavespectrum Laser Group

www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		400mW/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: 638nm 14-Pin Butterfly Package Built-in TEC Cooler Built-in Photodiode					
Applications: Medical Laser Treatment Sensor Others					
Specifications		WSLX-635-400m-M-H14-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		638nm±10nm			
Output Power			400mW		
Spectral Width (FWHM)			2nm		
Recommended Operating Temperature		25°C			
Temperature Coefficient of Wavelength		0.2nm / °C			
Threshold Current (Typ.)			160mA	210mA	
Operating Current (Typ.)			700mA	750mA	
Operating Voltage			2.4V	2.8V	
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.

