

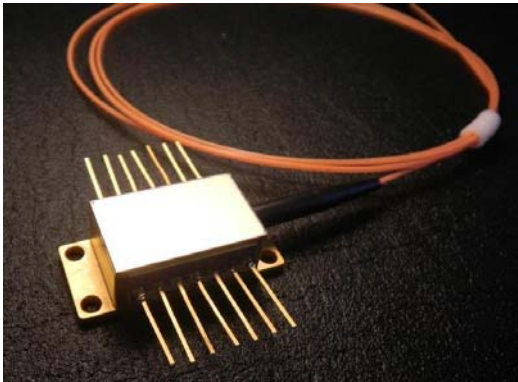
635nm 400mW Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler

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

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

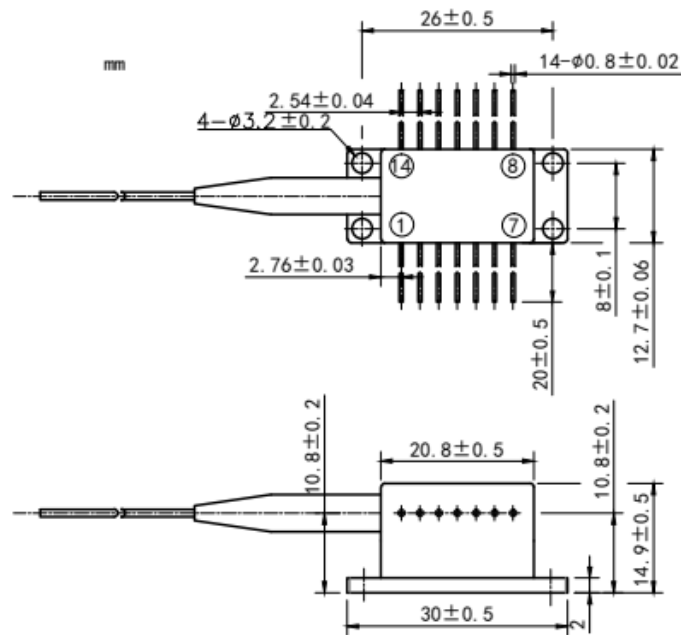
Wavespectrum Laser Group

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℃		638nm±10nm			
Output Power		----	400mW	----	
Spectral Width (FWHM)		----	2nm	----	
Recommended Operating Temperature		25℃			
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-03			



14-Pin-03 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.

