



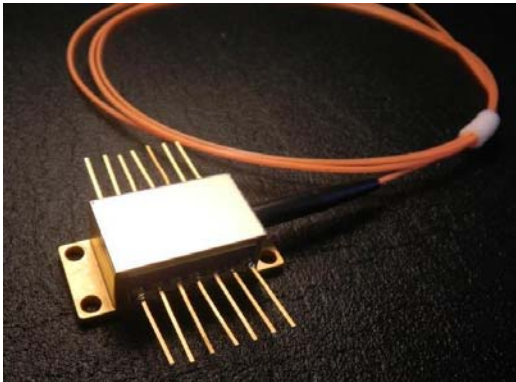
785nm 600mW narrow line width Fiber Coupled Laser Diode with Butterfly (BTF) Package

785nm 600mW Pigtailed Diode Laser Module for Raman Spectroscopy |Spectrum Stabilized LD Module

WSLX-785-600m-H-T-PD-N

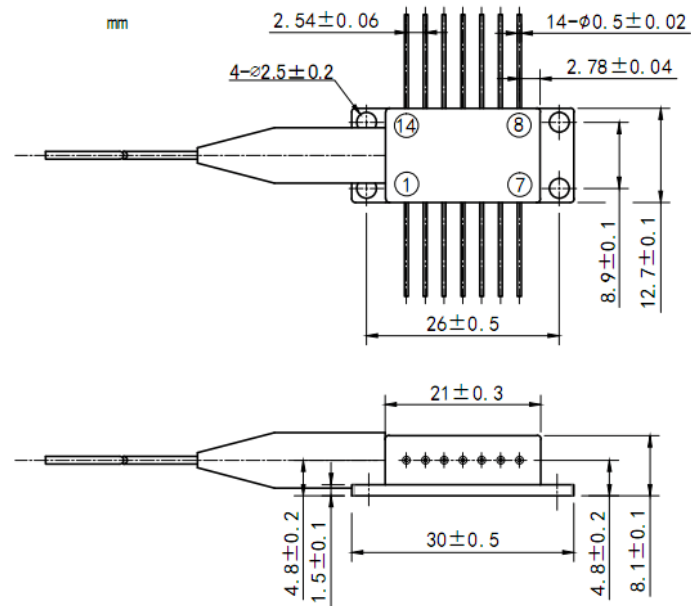
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm Pigtailed Diode Laser		600mW/ 105um		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	+15 ~ +30		°C
Storage Temperature		T _{stg}	-20 ~ +70		°C
Lead soldering temperature (5 sec.)		T _{is}	250		°C
Features: 785nm±0.5nm Spectrum Stabilized Laser Narrow line-width 14-Pin Butterfly Package					
Applications: Raman Spectroscopy Spectral analysis Others					
Specifications		WSLX-785-600m-H-T-PD-N			
		Min	Type	Max	
Center Wavelength@25°C		785nm±0.5nm			
Output Power		600mW			
Spectral Width (FWHM)		≤0.1nm			
Recommend Operating Temperature		25°C			
Temperature Coefficient of Wavelength		0.02nm / °C			
Threshold Current (Typ.)		0.4A			
Operating Current (Typ.)		1.4A			
Operating Voltage		2.3V			
TEC Max Current		2A			
TEC Max Voltage		8V			
Thermistor		10K			
Fiber Core		105um			
N.A.		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.

