

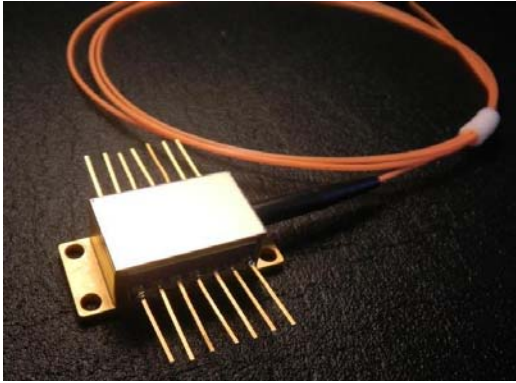
850nm 15mW~20mW SM Butterfly (BTF) Package Pigtailed Laser Diode with PD | Built-in TEC cooler

850nm Single Mode Fiber Coupled LD with 14-Pin package | Infrared Laser Diode | With Photodiode

WSLX-850-020m-4-T-PD

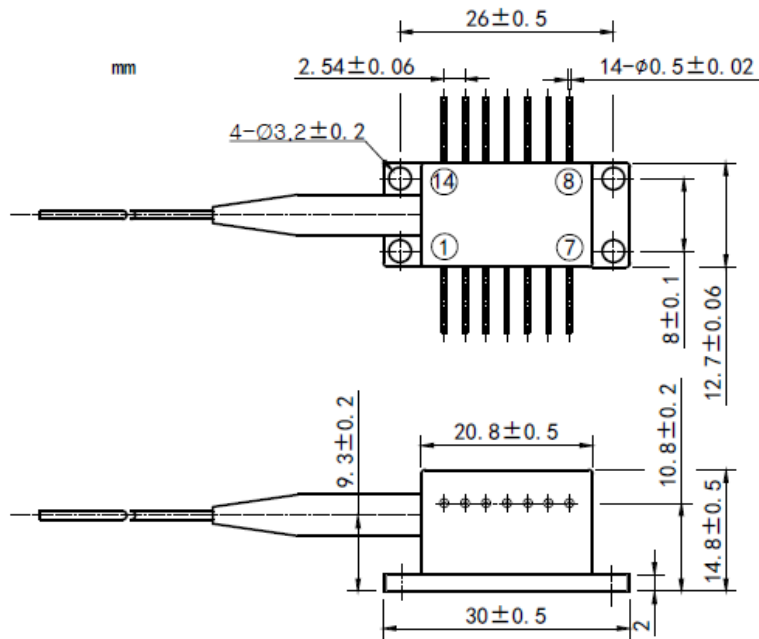
Wavespectrum Laser Group

www.wavespectrum-laser.com

850nm Pigtailed Diode Laser		20mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10~+45		°C	
Storage Temperature	T_{stg}	-40~+80		°C	
Lead soldering temperature (5 sec.)	T_{is}	250		°C	
Features: <ul style="list-style-type: none"> 850nm With SM Fiber 14-Pin Package Built-in TEC Cooler 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Sensor Others 					
Specifications		WSLX-850-020m-4-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		840nm	850nm	860nm	
Recommend Operating Temperature		25°C			
Output Power		15mW	20mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		5um			
Threshold Current (Typ.)		----	20mA	30mA	
Operating Current (Typ.)		----	120mA	140mA	
Operating Voltage		----	2.5V	3.0V	
TEC Max Current		1.8A			
TEC Max Voltage		2.5V			
Thermistor		10K			
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.

