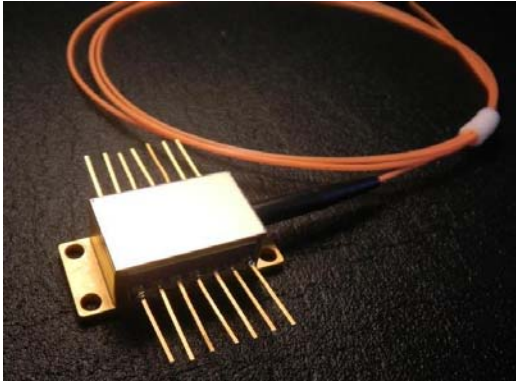
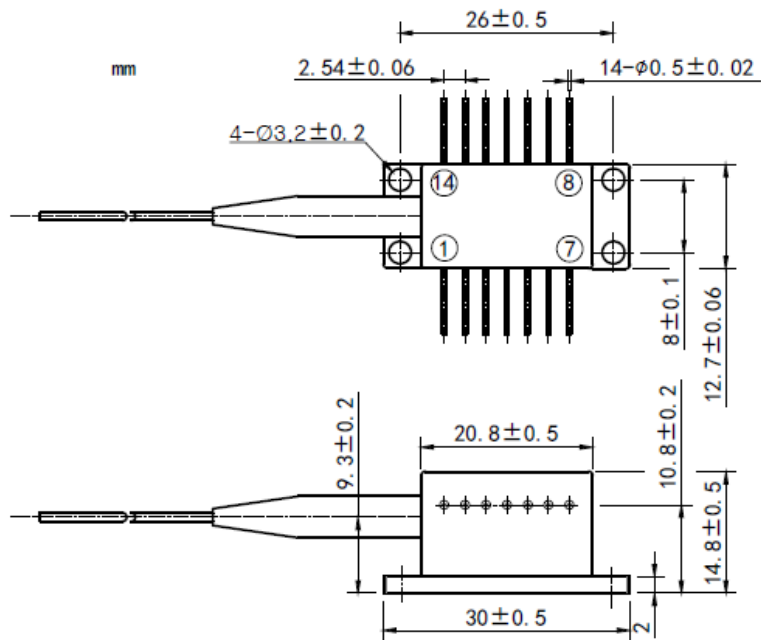


635nm 10mW Single Mode Butterfly (BTF) Package Pigtailed Laser Diode with PD | Built-in TEC cooler
 635nm~638nm 10mW SM Fiber Coupled LD with 14-Pin package | Red Laser Module With Photodiode
 WSLX-635-010m-4-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		10mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10~+50		°C	
Storage Temperature	T_{stg}	-40~+80		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 635nm With SM Fiber 14-Pin Package Built-in TEC Cooler 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Sensor Others 					
Specifications		WSLX-635-010m-4-H14-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		630nm	638nm	645nm	
Recommend Operating Temperature		25°C			
Output Power		----	10mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		4um			
Threshold Current (Typ.)		----	45mA	60mA	
Operating Current (Typ.)		----	90mA	110mA	
Operating Voltage		----	2.4V	2.6V	
TEC Max Current		1.0A			
TEC Max Voltage		3.0V			
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	NC	11	LD (-)
5	Thermistor	10	LD (+) & PD (-)
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.

