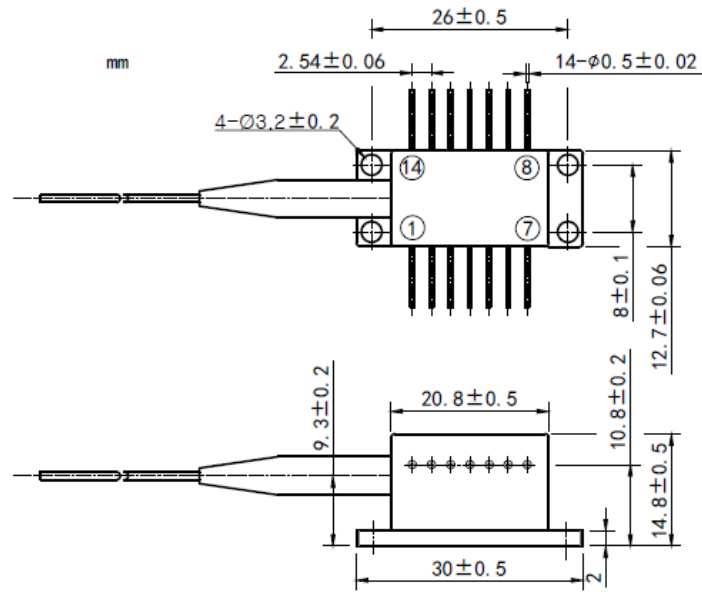


635nm 30mW SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler
635nm~638nm Single Mode Fiber Coupled LD with 14-Pin package | Red Diode Laser Module
WSLX-635-030m-4-T
Wavespectrum Laser Group
www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		30mW/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 (5 sec.)	T_{is}	250		°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-635-030m-4-T			
		Min	Type	Max	
Center Wavelength@25°C		630nm	638nm	645nm	
Recommend Operating Temperature		25°C			
Output Power		----	30mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		4um			
Threshold Current (Typ.)		----	50mA	75mA	
Operating Current (Typ.)		----	185mA	200mA	
Operating Voltage		----	2.8V	3.2V	
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	NC	12	NC
4	NC	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.

