

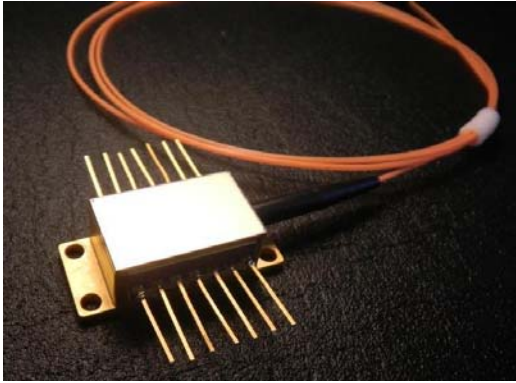
658nm 30mW SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler

650nm~660nm Single Mode Fiber Coupled LD with 14-Pin package | Red Laser Diode Module

WSLX-650-030m-4-T

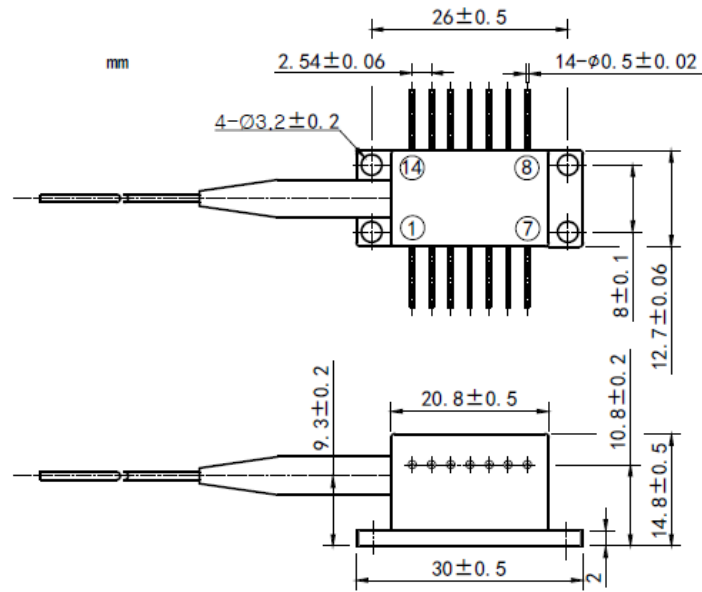
Wavespectrum Laser Group

www.wavespectrum-laser.com

650nm 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~+85	°C	
Lead soldering temperature (5 sec.)	$T_{is}$	250	°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>● 650nm</li> <li>● With SM Fiber</li> <li>● 14-Pin Package</li> <li>● Built-in TEC Cooler</li> </ul>				
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical laser treatment</li> <li>● Sensor</li> <li>● Others</li> </ul>				
<b>Specifications</b>	<b>WSLX-650-030m-4-T</b>			
	Min	Type	Max	
Center Wavelength@25°C	650nm	658nm	665nm	
Recommend Operating Temperature	25°C			
Output Power	----	30mW	----	
Fiber Type	Single Mode Fiber			
Fiber Core	4um			
Threshold Current (Typ.)	----	50mA	70mA	
Operating Current (Typ.)	----	220mA	250mA	
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	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.

