

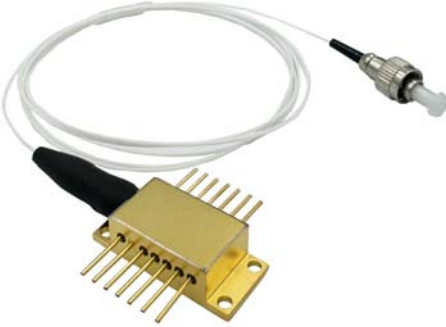
630nm 30mW SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler

630nm~632nm 30mW Single Mode Fiber Coupled LD with 14-Pin package | Red Laser Module

WSLX-630-030m-4-H14-T

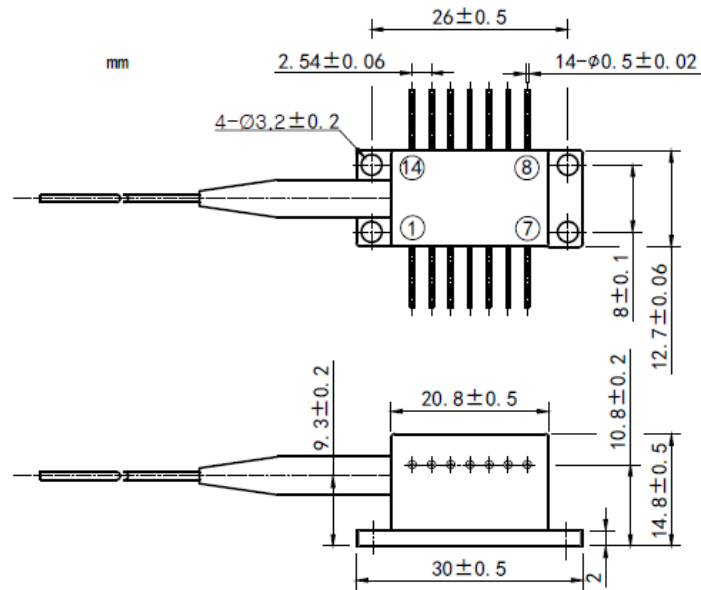
Wavespectrum Laser Group

www.wavespectrum-laser.com

630nm 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 ~ +30		°C
Storage Temperature		T _{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 630nm With SM Fiber 14-Pin Package Built-in TEC Cooler					
Applications: Medical Laser Treatment Sensor Others					
Specifications		WSLX-630-030m-4-H14-T			
		Min	Type		Max
Center Wavelength@25°C		630nm±10nm			
Recommend Operating Temperature		25°C			
Output Power		----	30mW		----
Fiber Type		Single Mode Fiber			
Fiber Core		4um			
Threshold Current (Typ.)		----	60mA		100mA
Operating Current (Typ.)		----	180mA		200mA
Operating Voltage		----	2.7V		3.2V
TEC Max Current		1.3A			
TEC Max Voltage		4.0V			
Thermistor		10K			
Fiber Connector		FC/SMA905			
Fiber Length		>70cm			
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.

