

976nm~980nm 10mw SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler

980nm Single Mode Fiber Coupled LD with 14-Pin package | Infrared Laser Diode Module

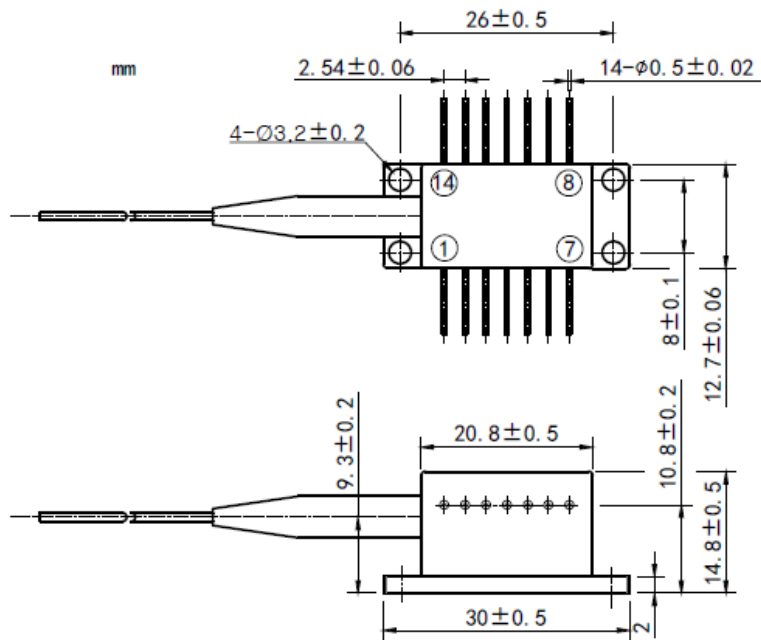
WSLX-980-010m-4-T-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

980nm Pigtailed Diode Laser		10mW/SM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	2.0	V		
Operating Temperature	T_{op}	-10~+40	°C		
Storage Temperature	T_{stg}	-40~+80	°C		
Lead soldering temperature (5 sec.)	T_{is}	250	°C		
Features: <ul style="list-style-type: none"> ● 980nm ● With SM Fiber ● 14-Pin Package ● Built-in TEC Cooler 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Sensor ● Others 					
Specifications		WSLX-980-010m-4-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		970nm	980nm	990nm	
Recommend Operating Temperature		25°C			
Output Power		----	10mw	----	
Fiber Type		Single Mode Fiber			
Fiber Core		6um			
Threshold Current (Typ.)		----	15mA	30mA	
Operating Current (Typ.)		----	80mA	100mA	
Operating Voltage		----	1.6V	2.2V	
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	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.

